TOSHIBA

FILE NO. 810-200550

SERVICE MANUAL

DVD RAM RAM 4.7 | DVD R/RW | DVD VIDEO | COMPACT disc DIGITAL AUDIO | VIDEO Plus+ | DOLBY DIGITAL | dts DIGITAL OUT

DVD RECORDER & VCR

D-VR15SB
D-VR25SB
D-VR35SB
D-VR30SF
D-VR30SG

Issued in Japan.,June., 2005 Ⓢ

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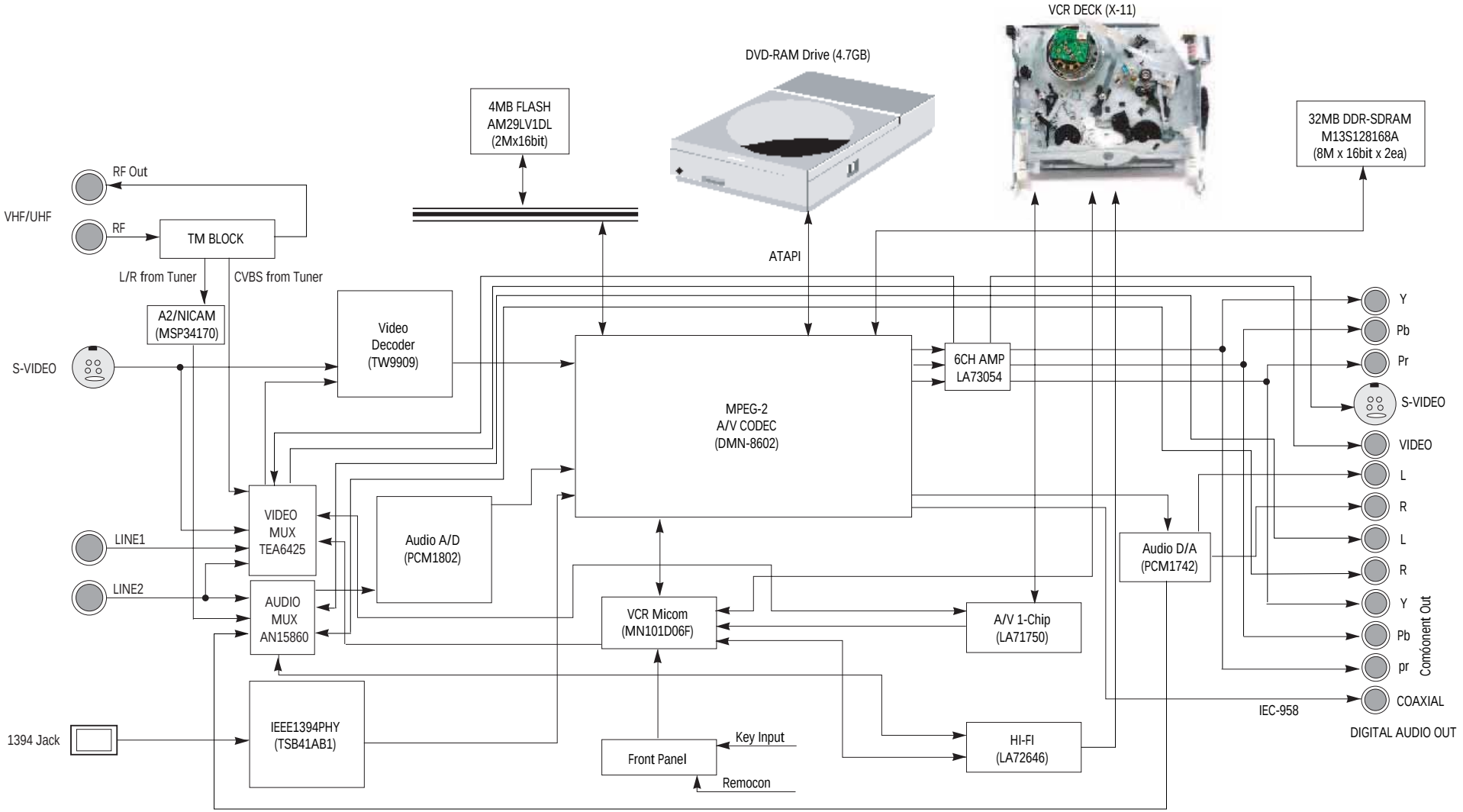
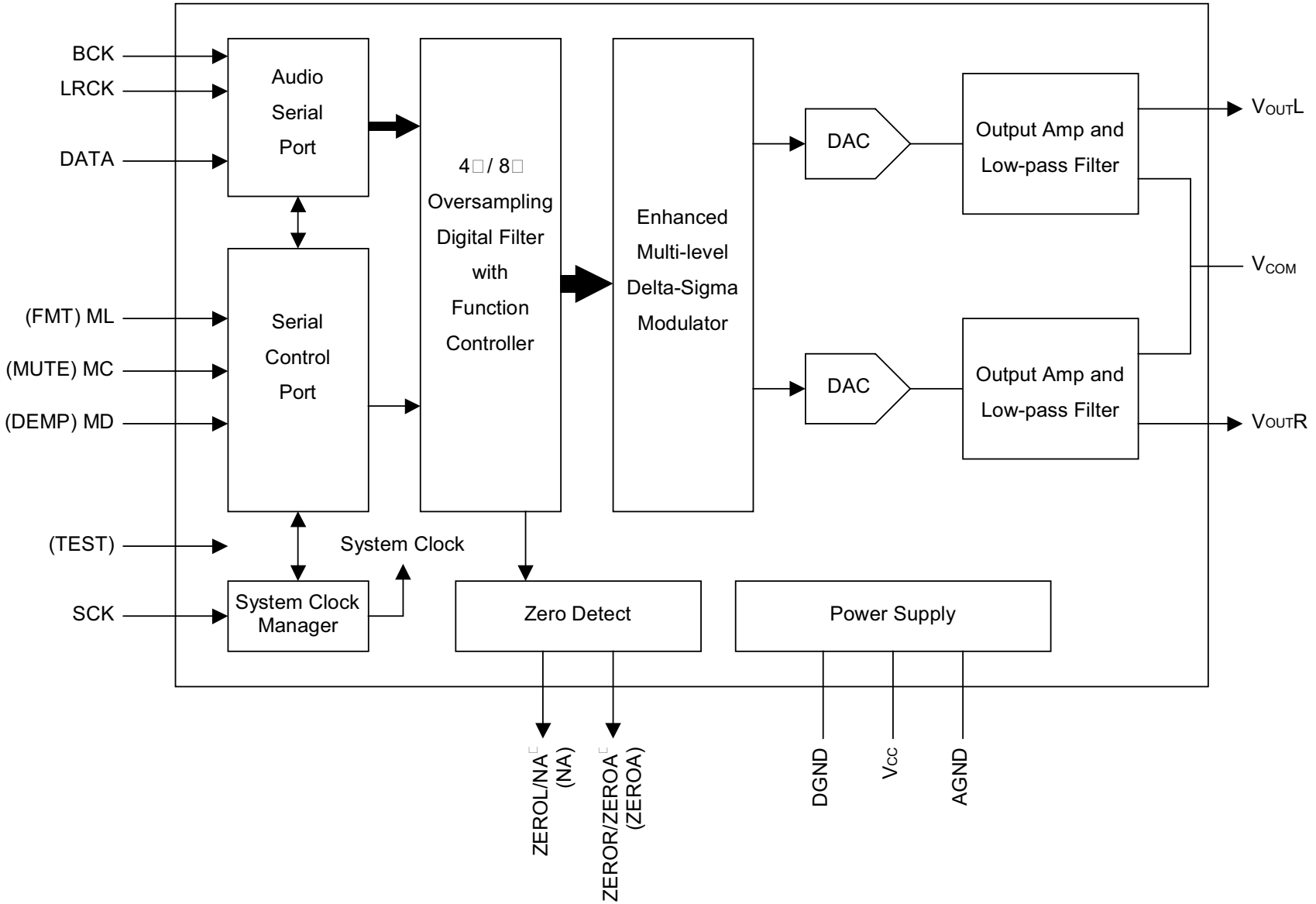
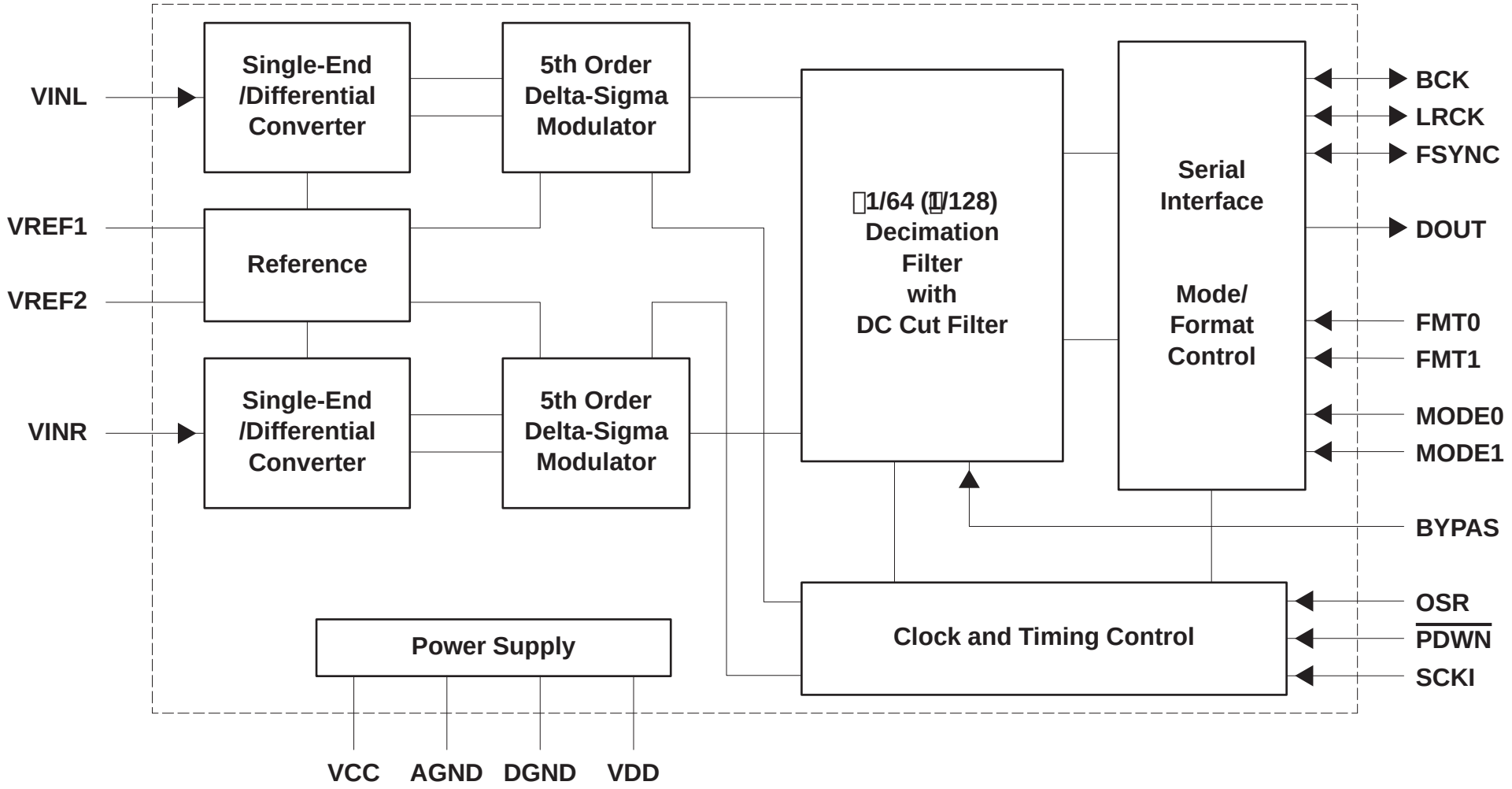
9-1 All Block Diagram



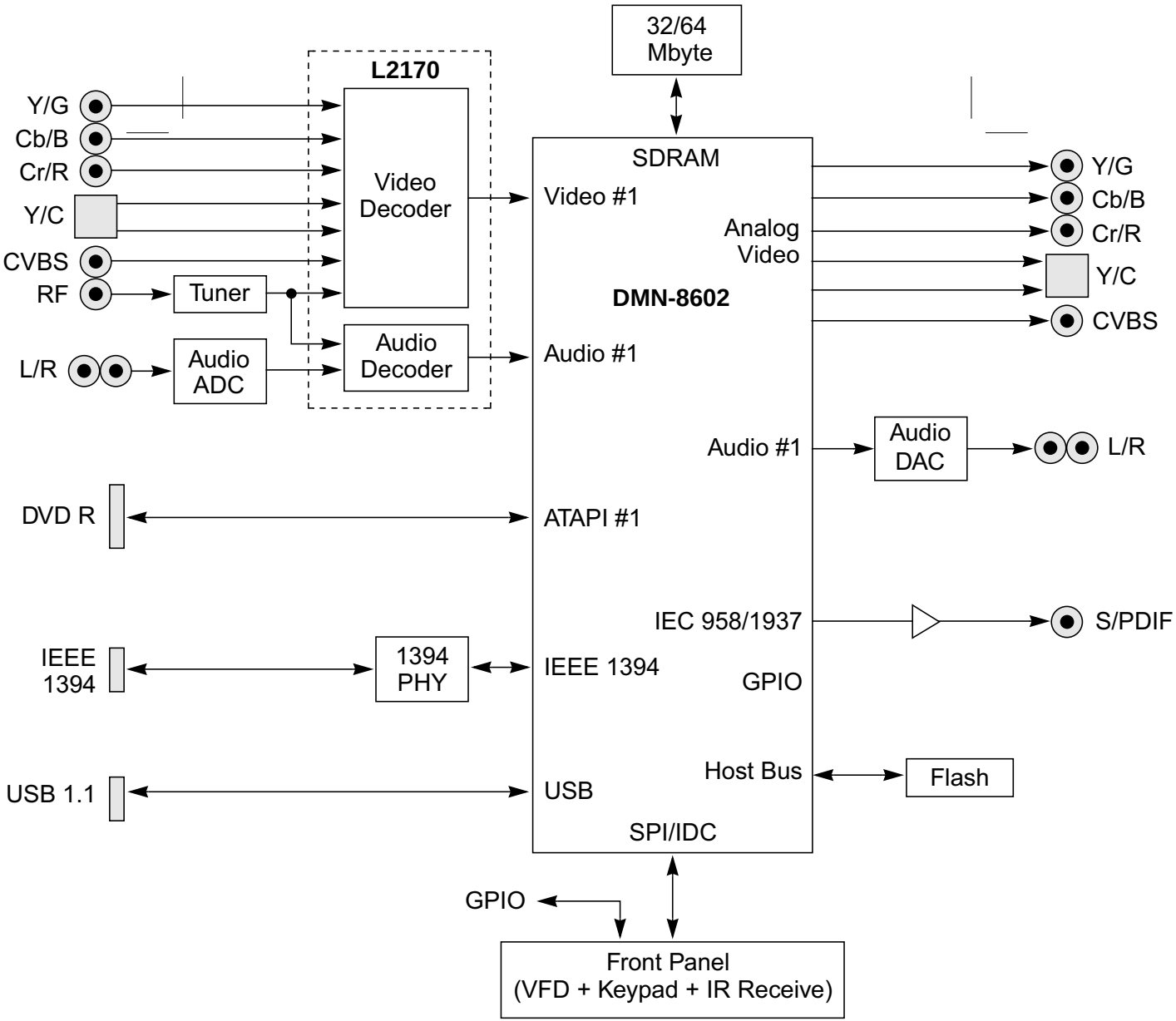
9-2 AIC1(PCM1753) Audio DA Block Diagram



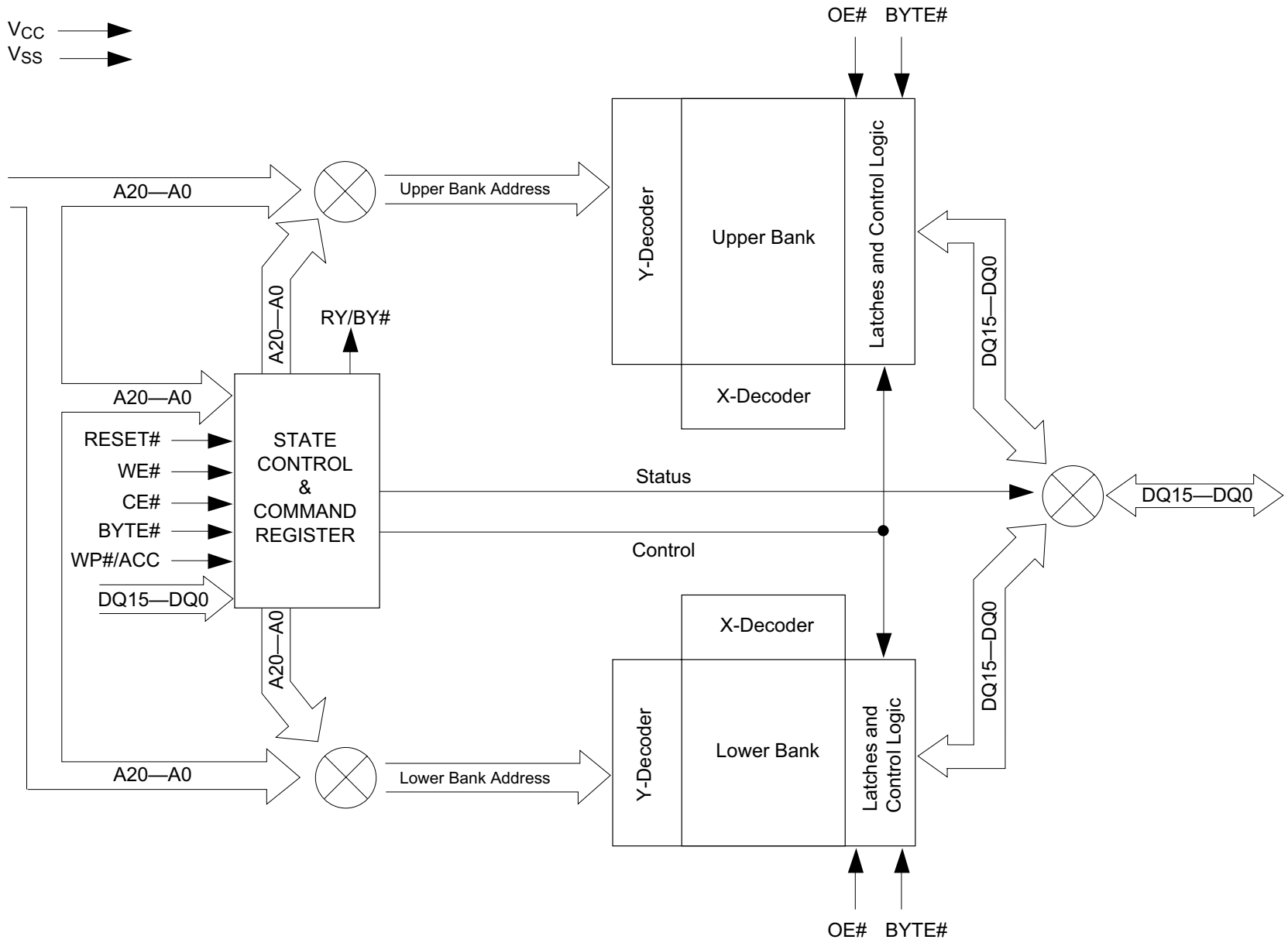
9-3 AIC9(PCM1802) Audio AD Block Diagram



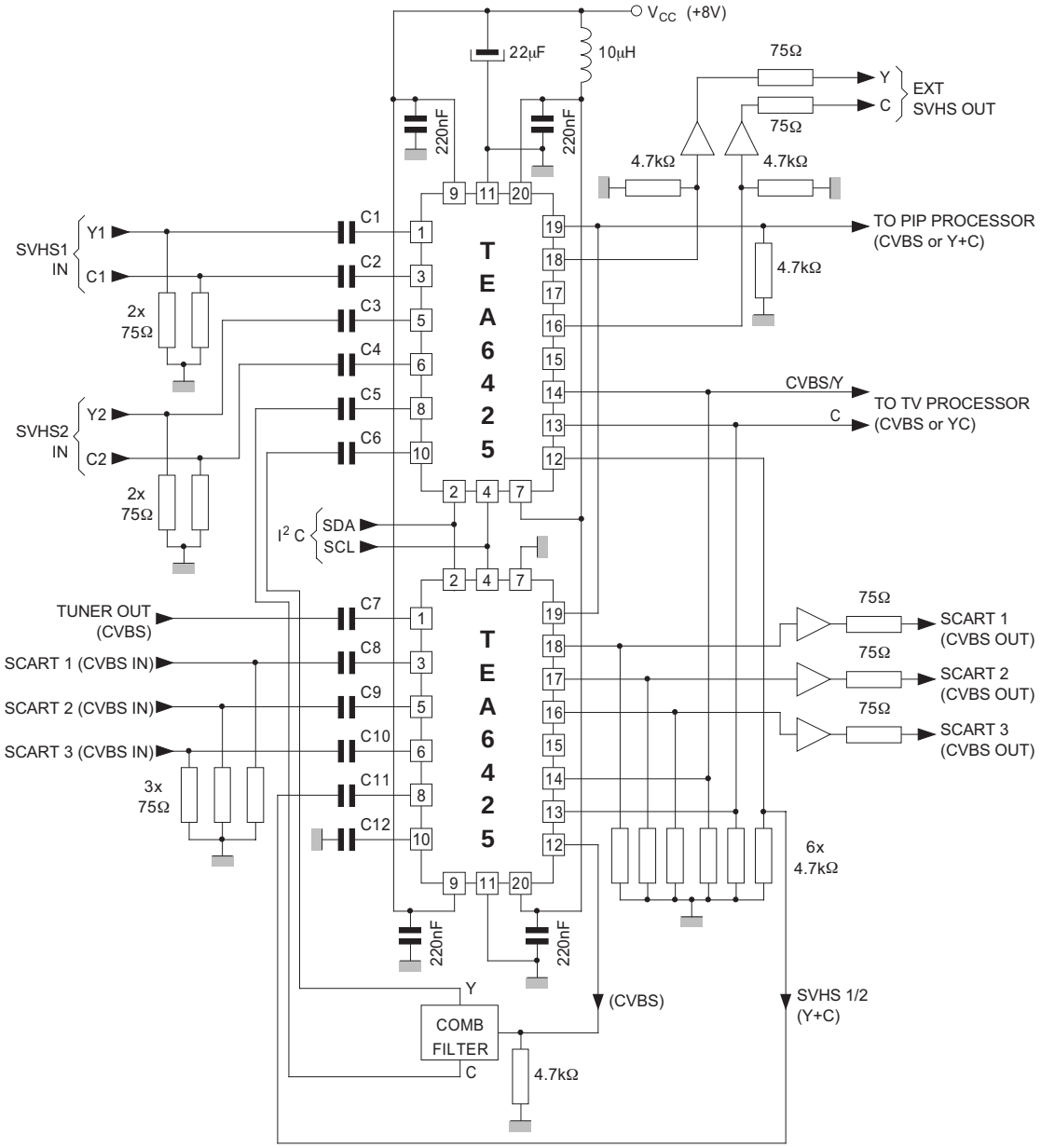
9-4 DIC1(DMN8602) A/V Codec Block Diagram



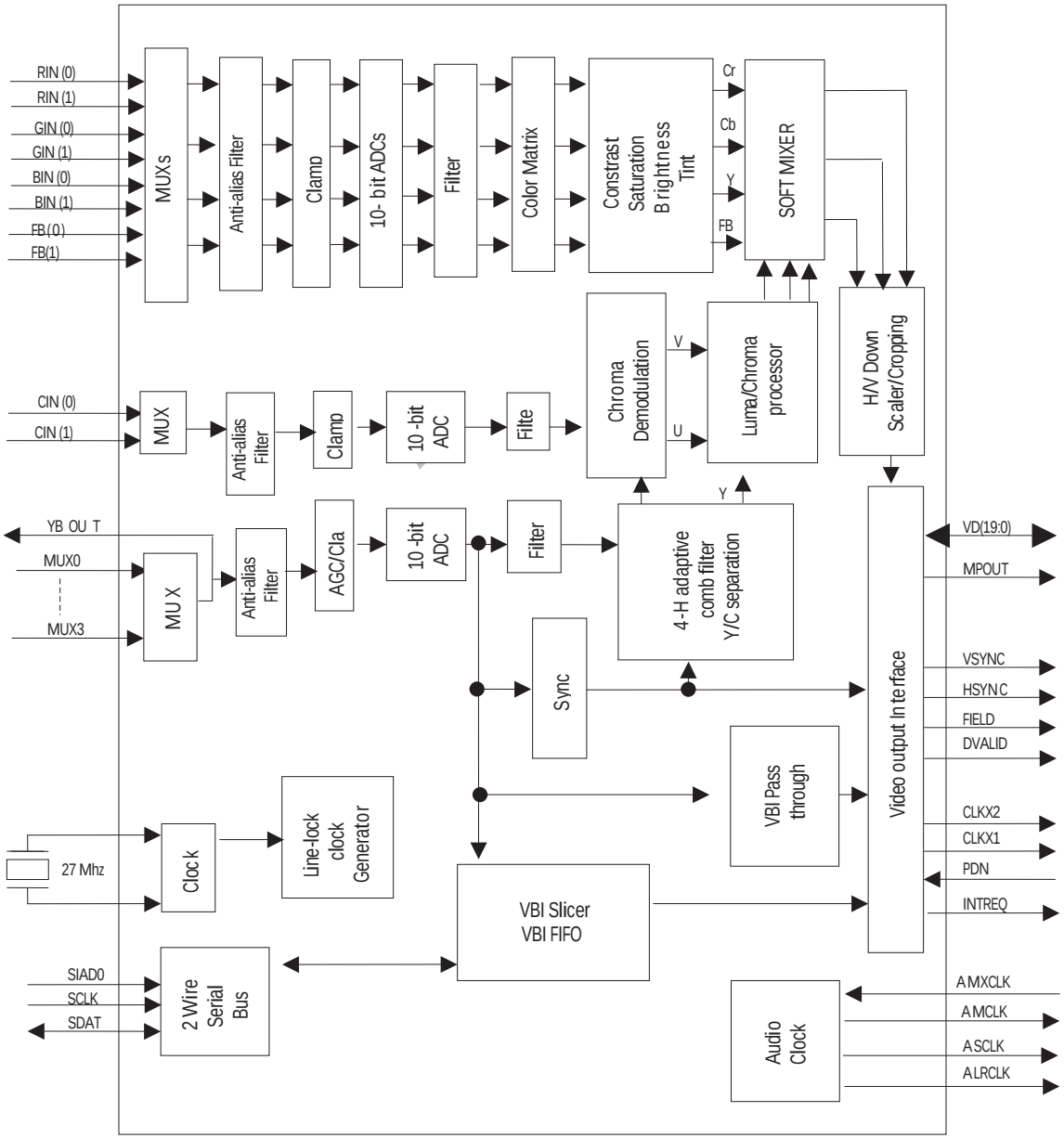
9-5 DIC3(29DL323) Flash Memory Block Diagram



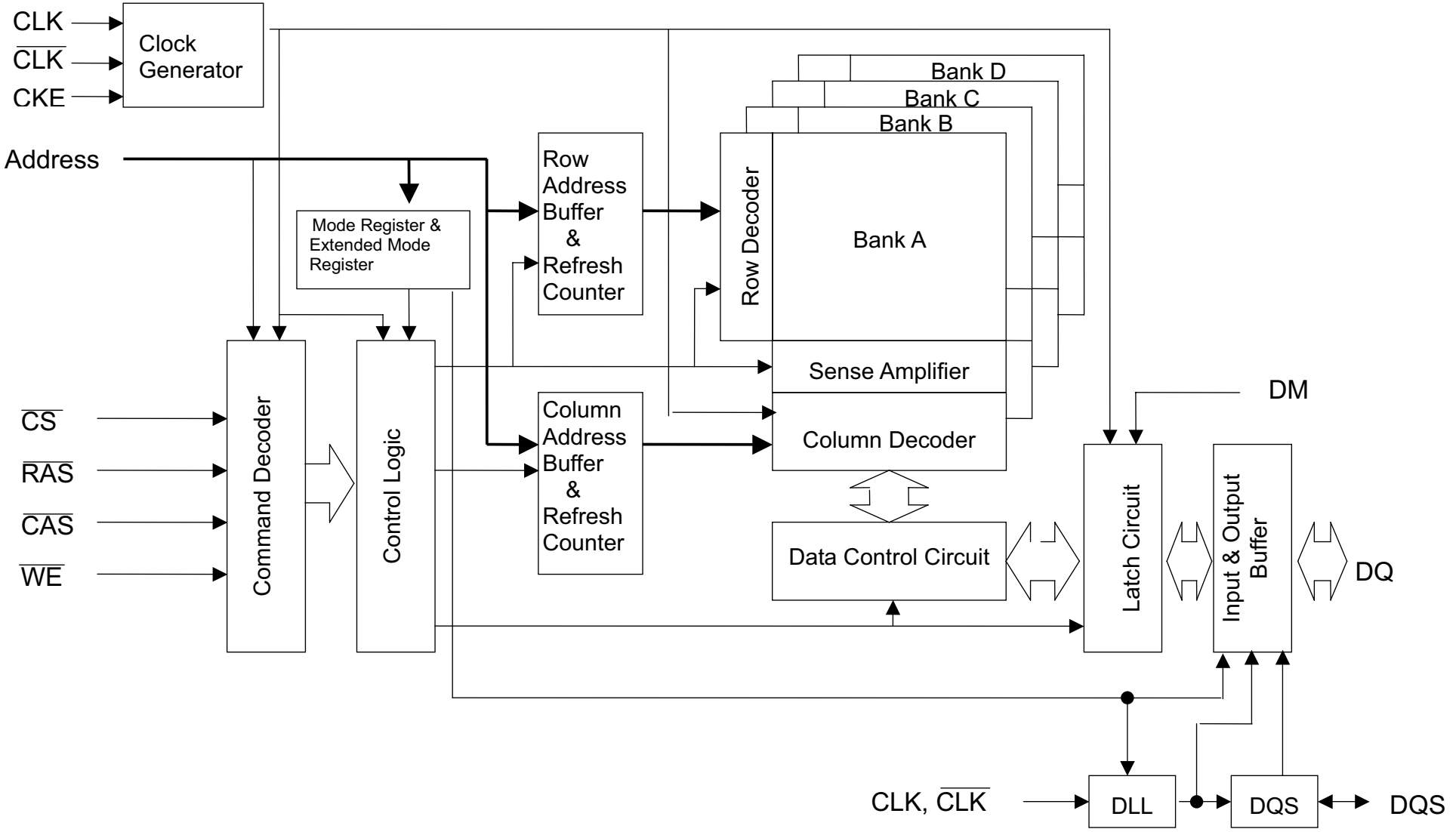
9-6 IC801(TEA6425)Typical Application Block Diagram



9-7 TIC1(TW9909) Video Decoder Block Diagram

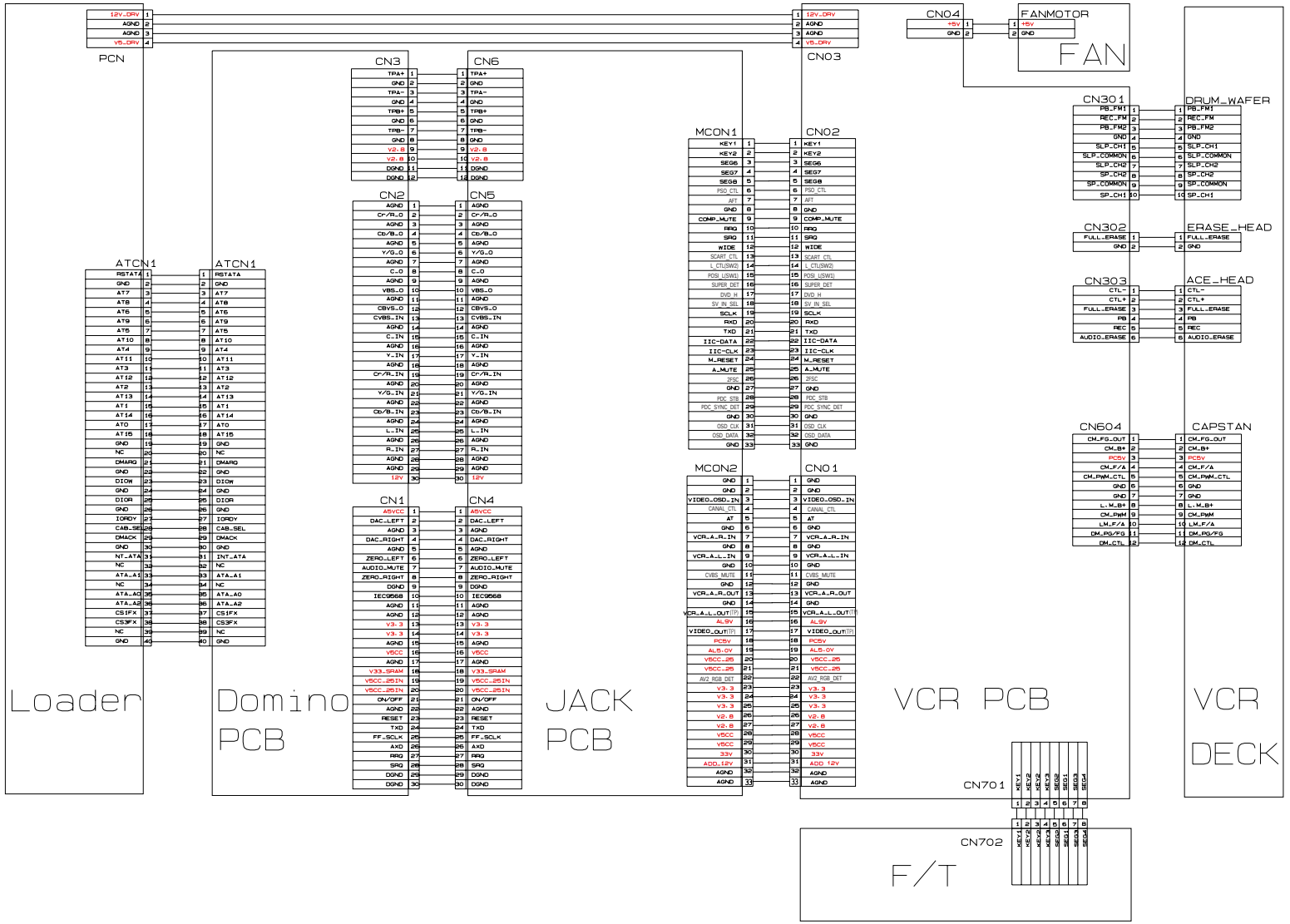


9-8 U23(M13S128168A) DRAM Block Diagram



MEMO

10. Wiring Diagram



MEMO

11. PCB Diagrams

11-1 VCR Main PCB ---------- 11-2

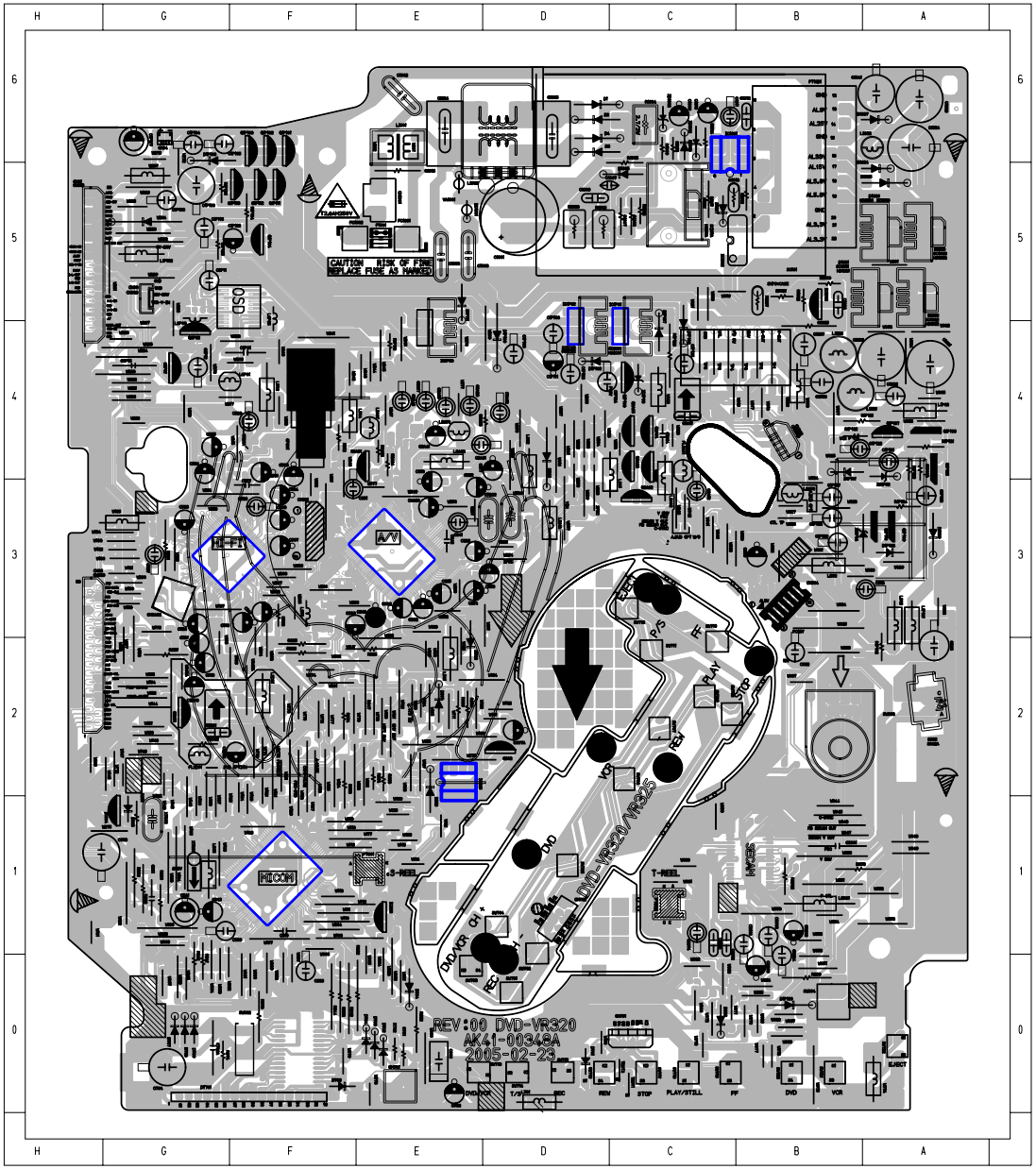
11-2 DVD Main PCB ---------- 11-4

11-3 Jack PCB ---------- 11-6

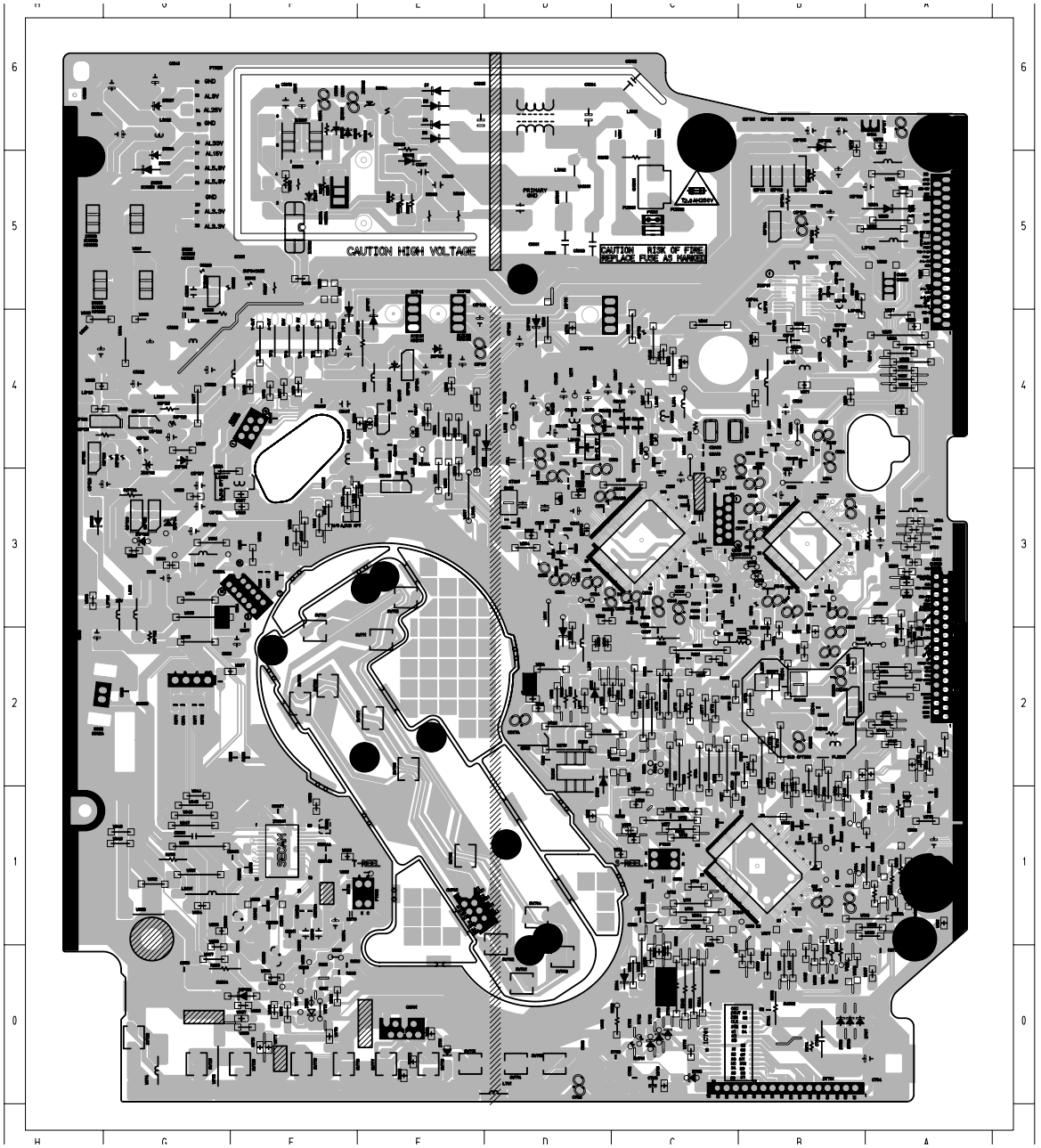
11-4 Function PCB ---------- 11-8

11-1 VCR Main PCB

COMPONENT SIDE

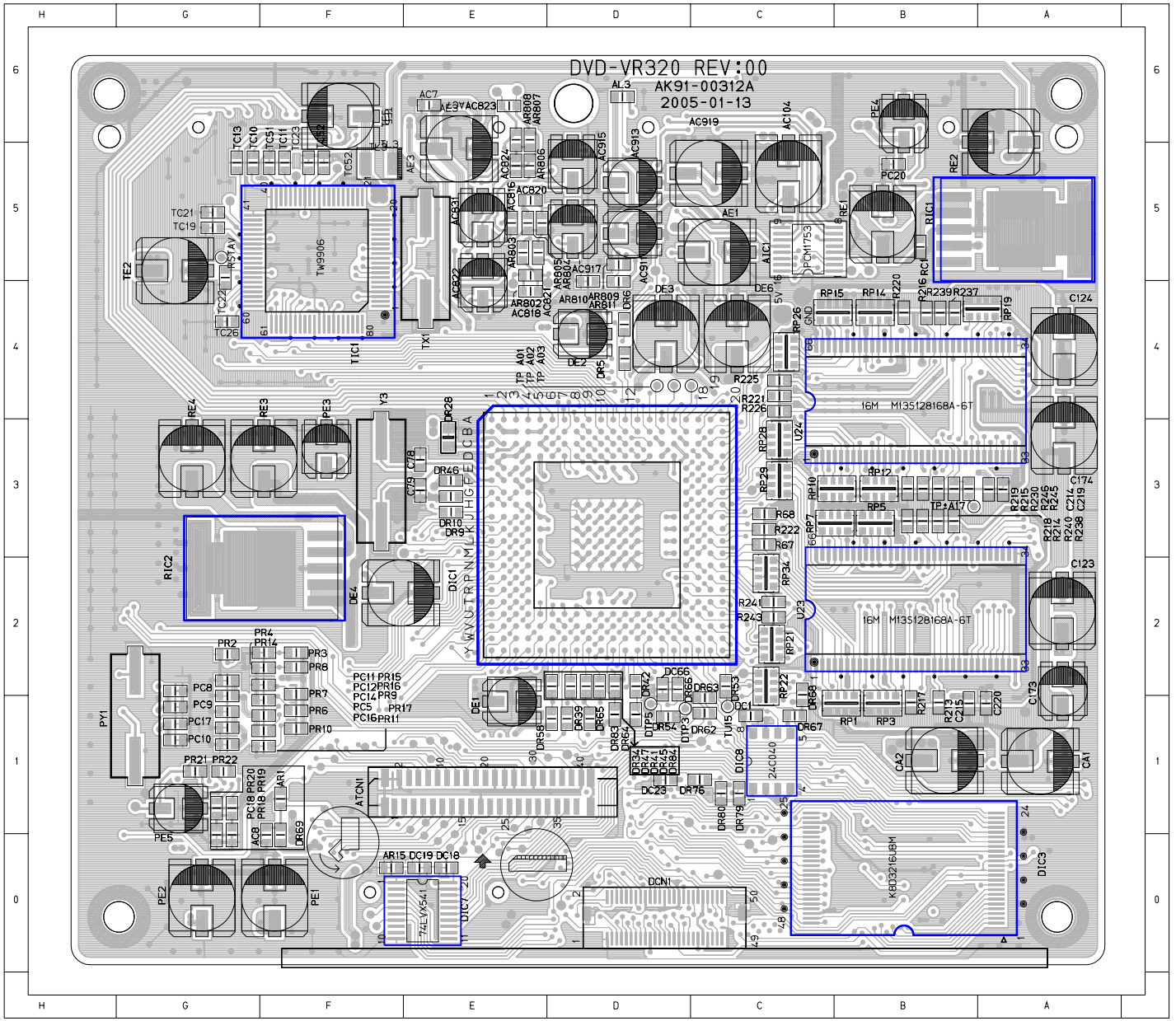


CONDUCTOR SIDE

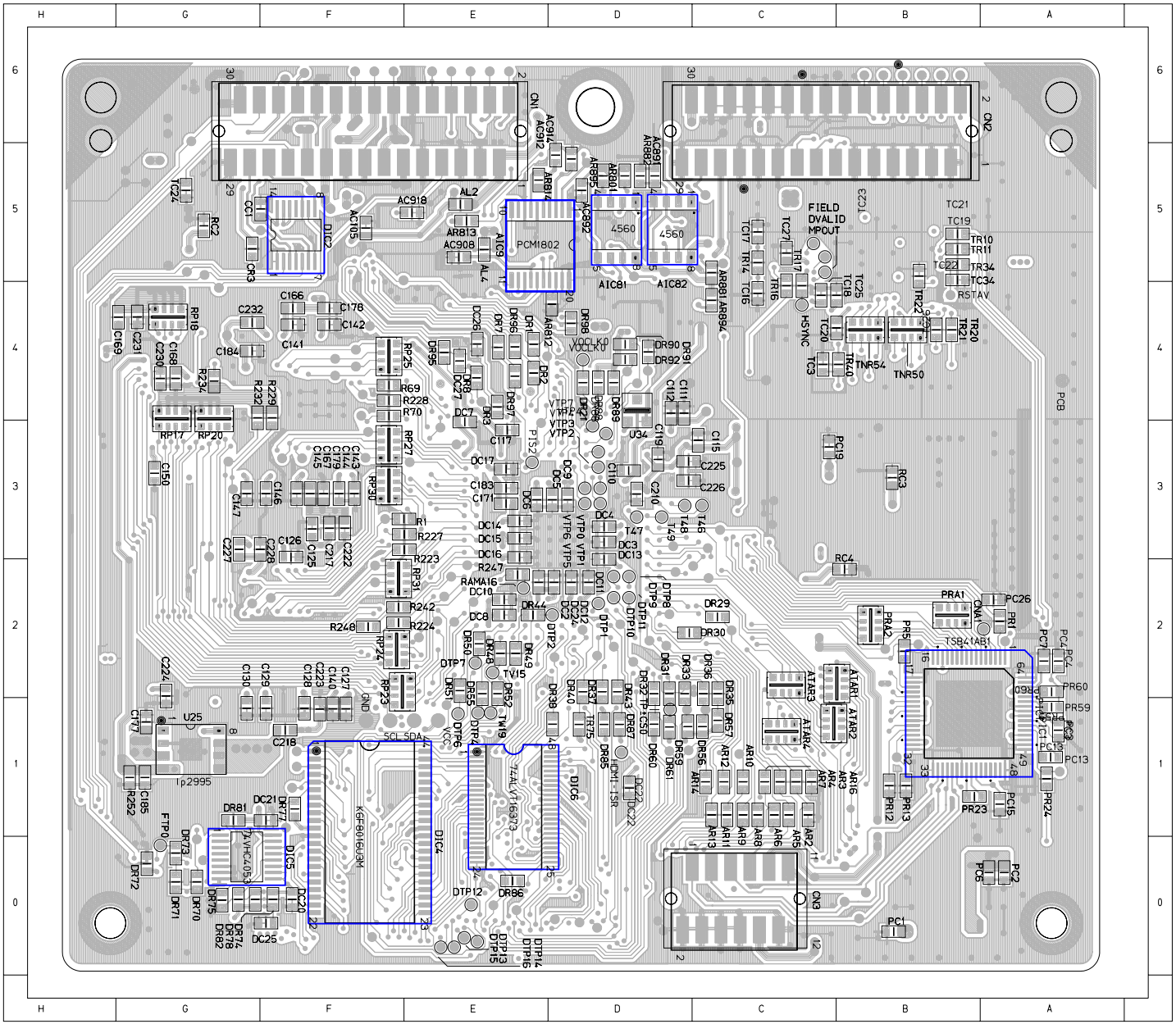


11-2 DVD Main PCB

COMPONENT SIDE

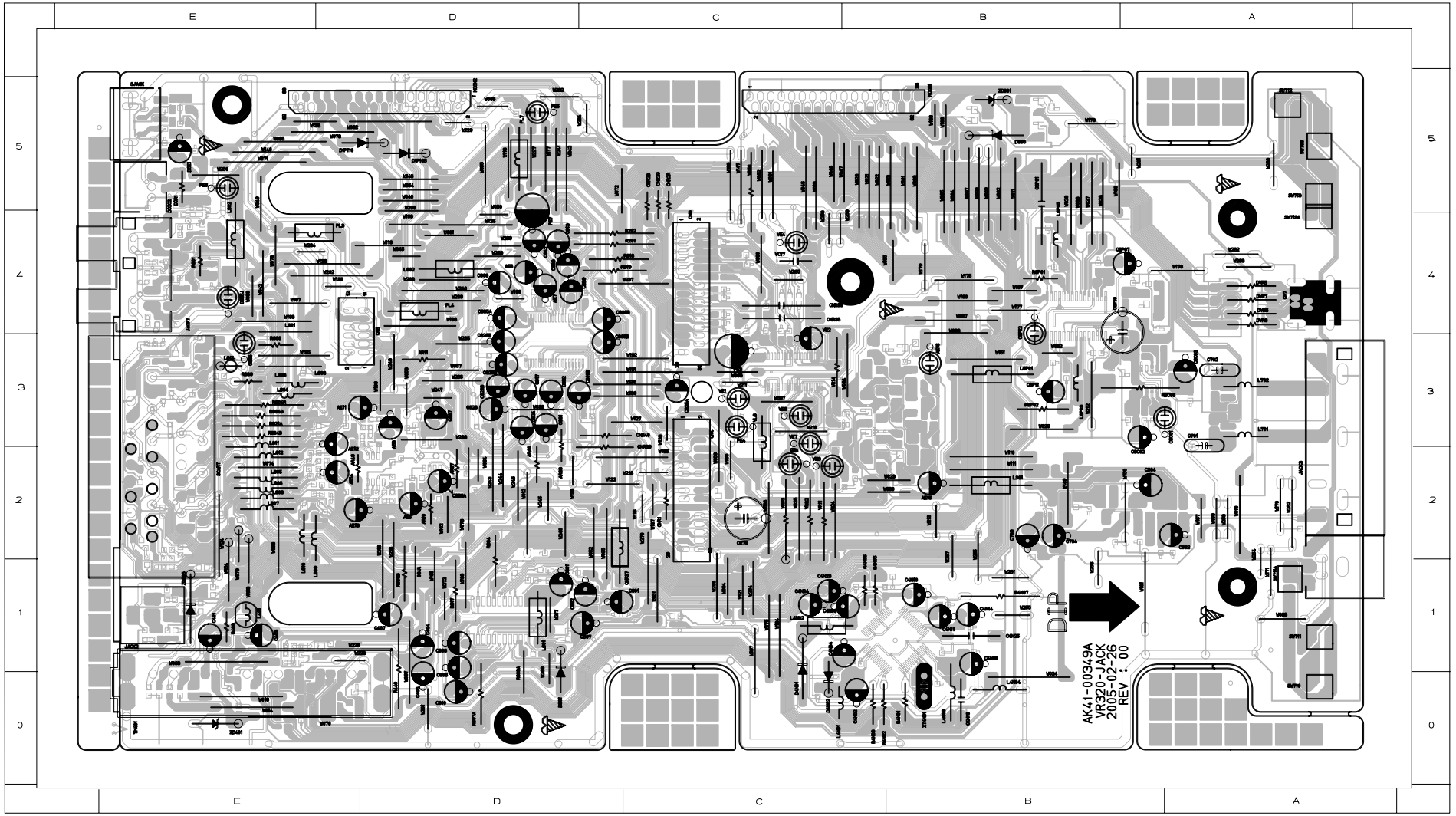


CONDUCTOR SIDE

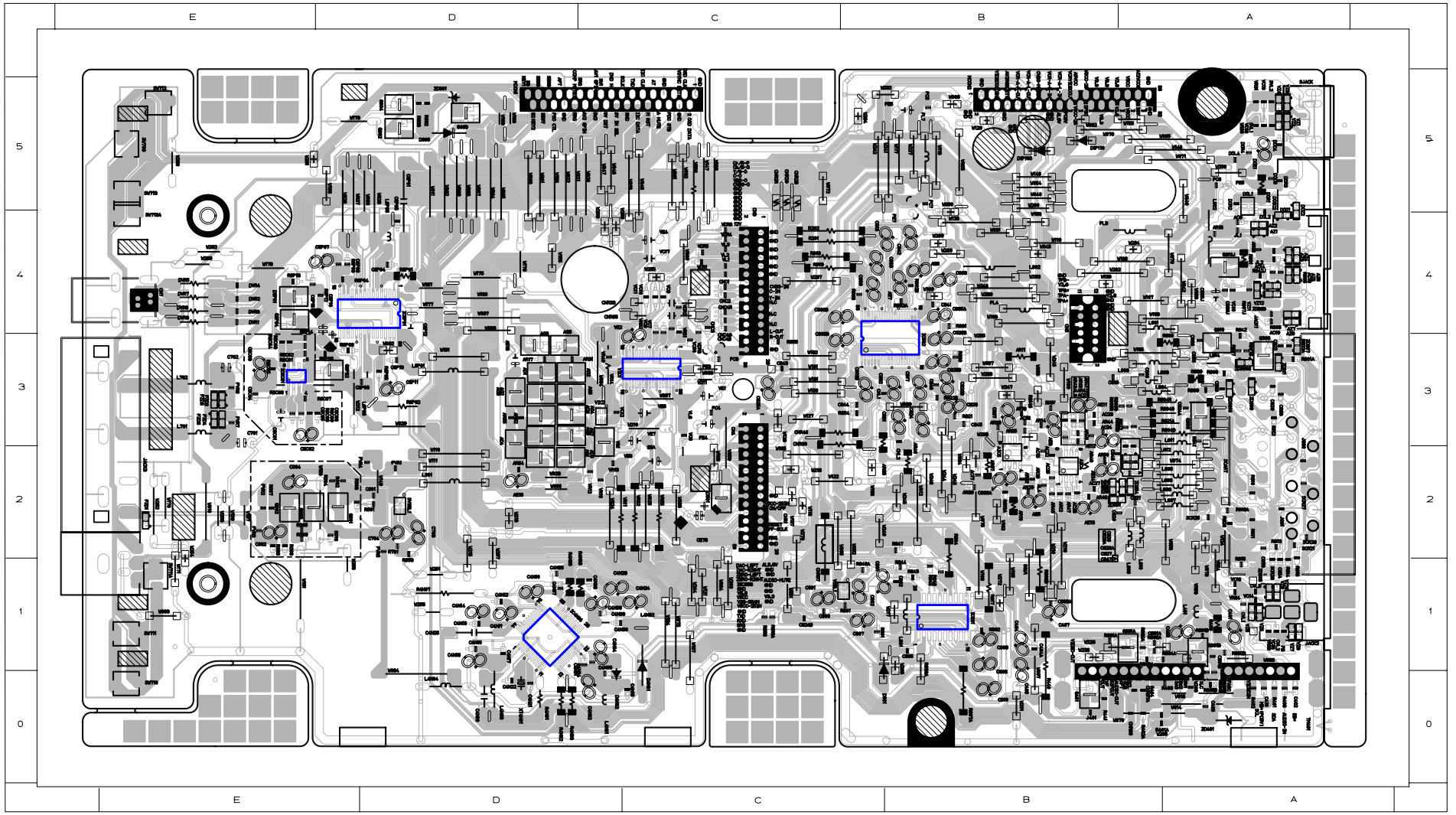


11-3 Jack PCB

COMPONENT SIDE

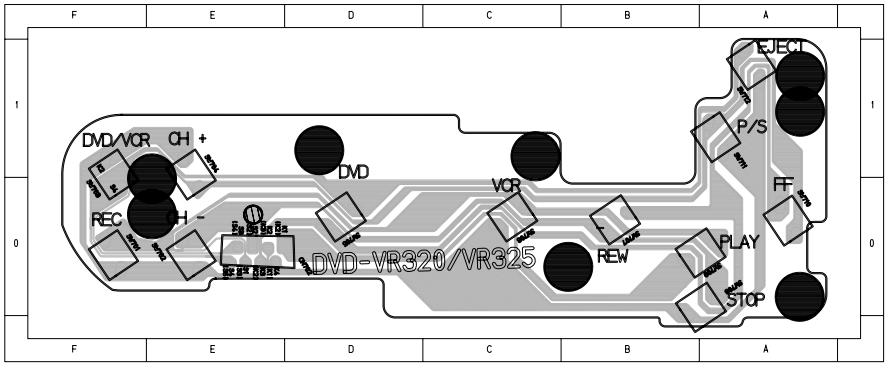


CONDUCTOR SIDE

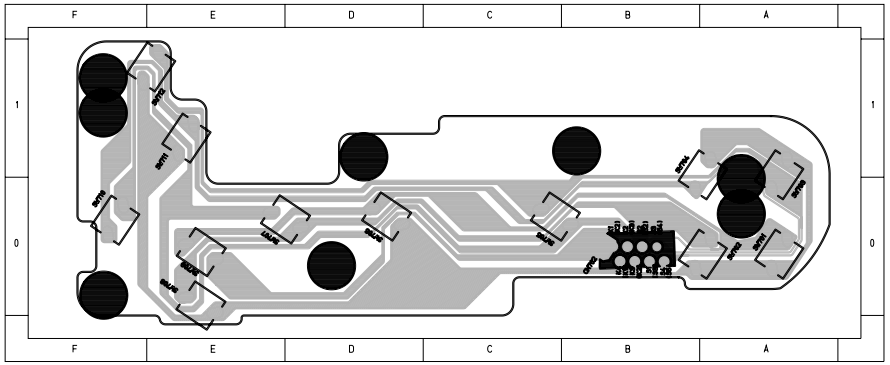


11-4 Function PCB

COMPONENT SIDE



CONDUCTOR SIDE



12. Schematic Diagrams

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12-22 Connection (Jack PCB) - 12-24

12-23 TM (Jack PCB)- 12-25

Note

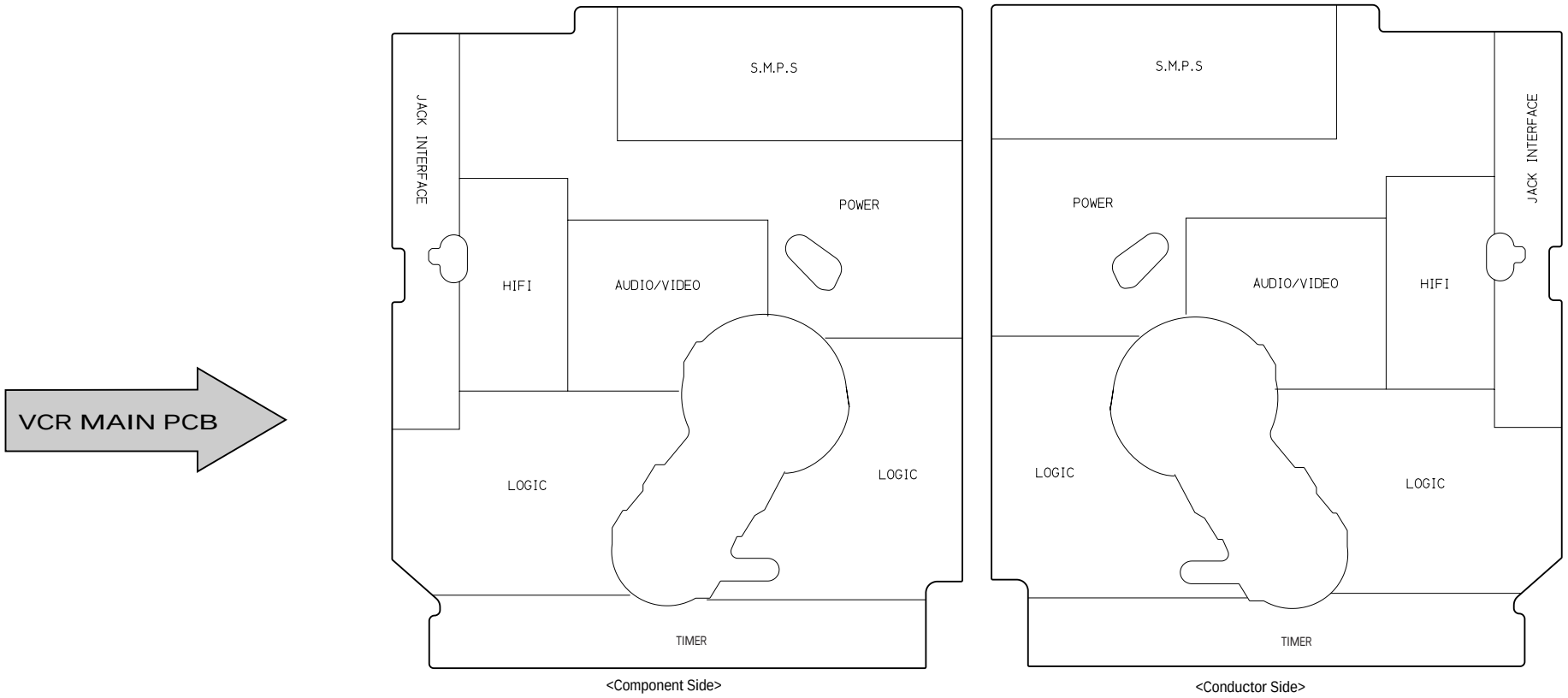
For schematic Diagram
- Resistors are in ohms, 1/8W unless otherwise noted.

Special note :
Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the "electrostatically sensitive (ES) devices" section of this service manual.

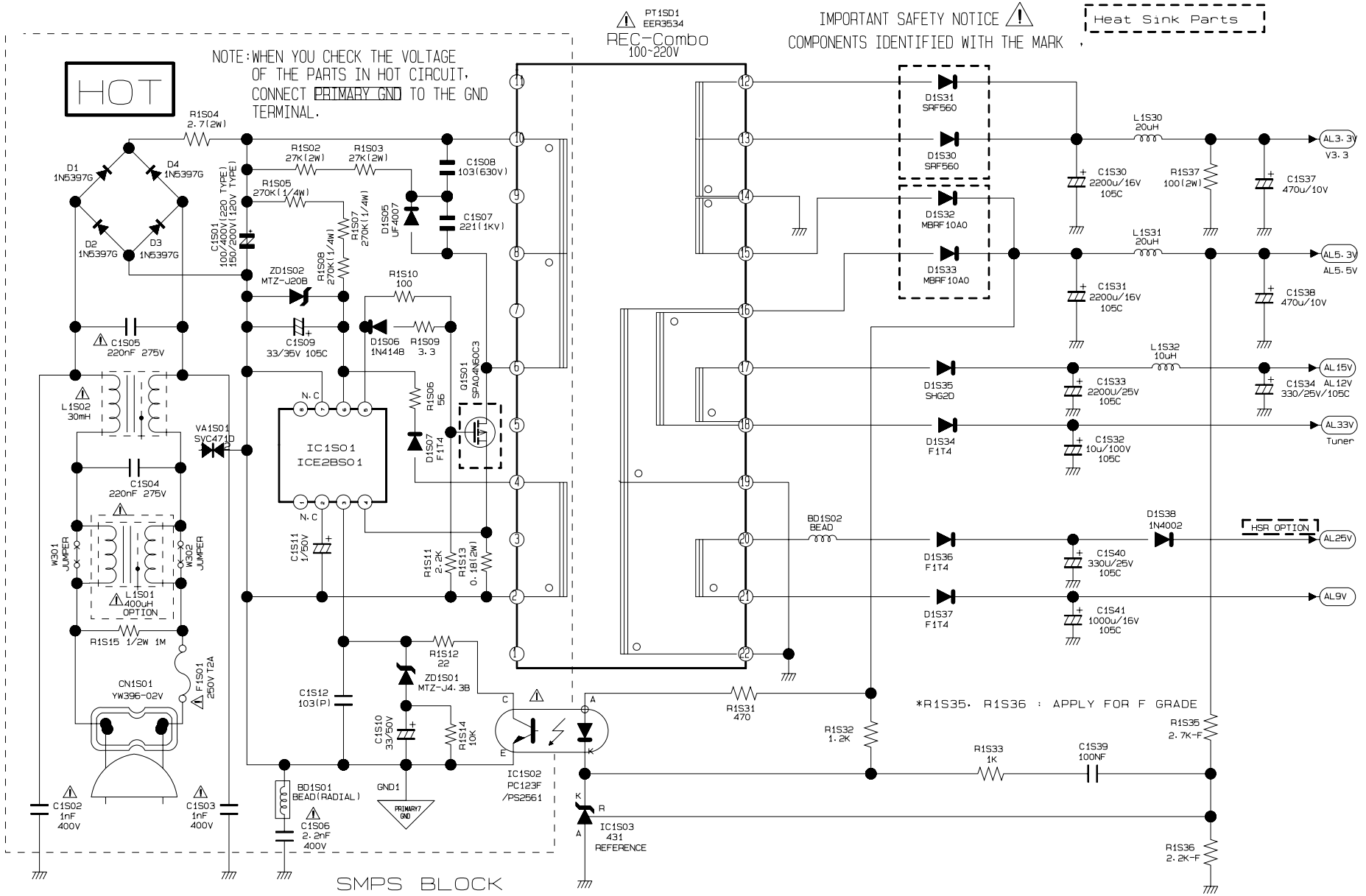
Note :
Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

Important safety notices :
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components. Use only the same type.

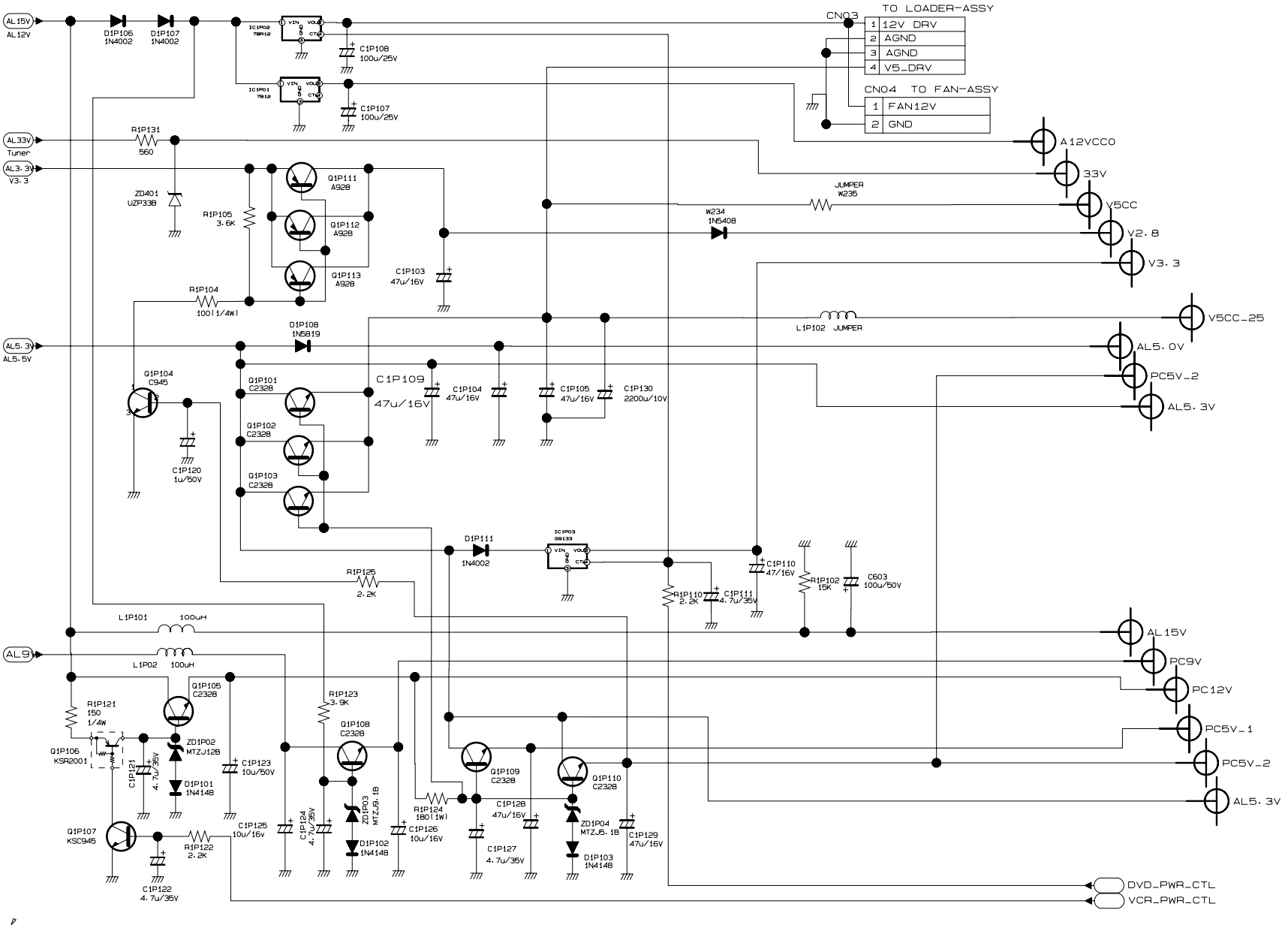
◆ Block Identification of Main PCB



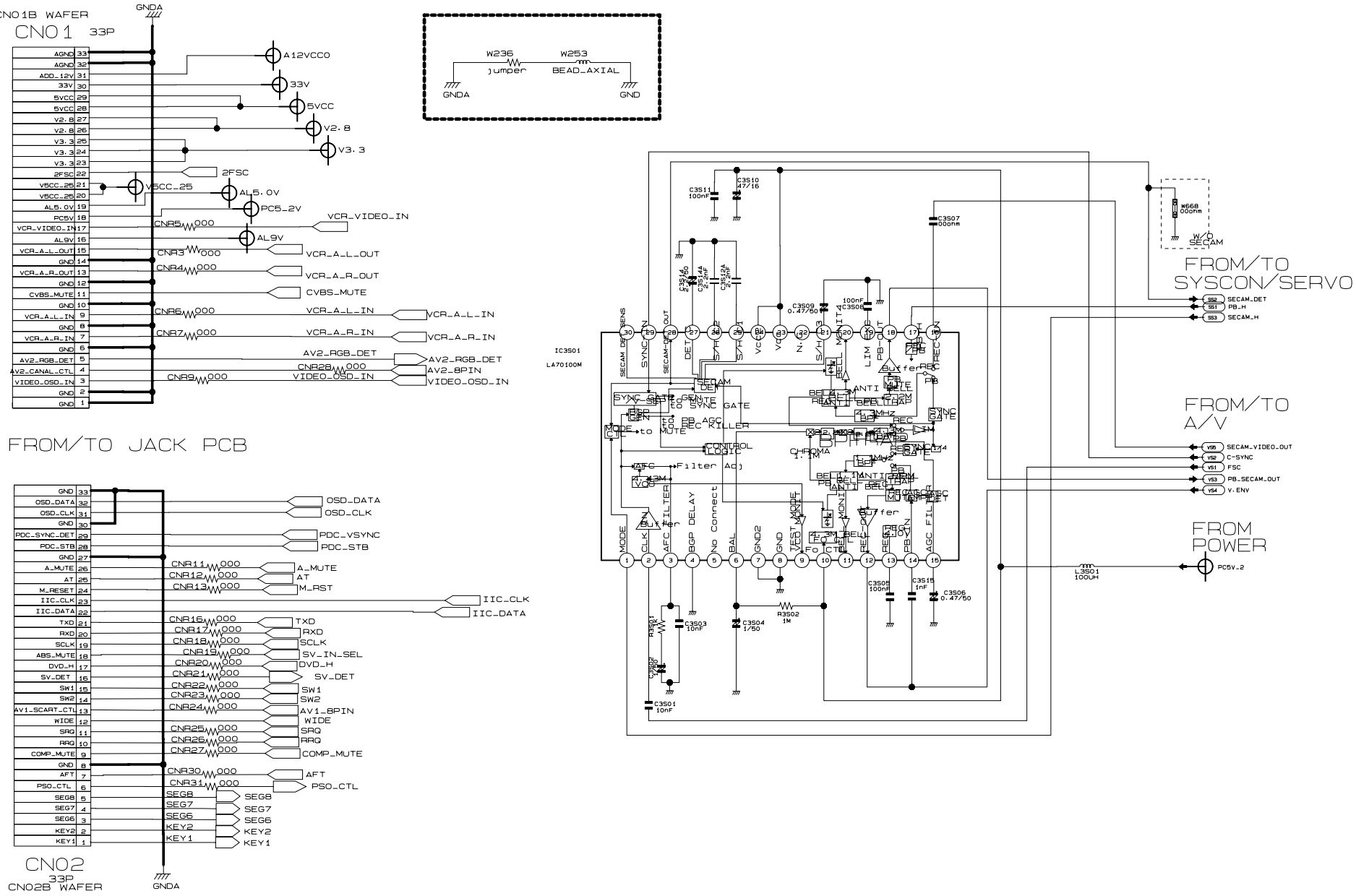
12-1 S.M.P.S (VCR Main PCB)



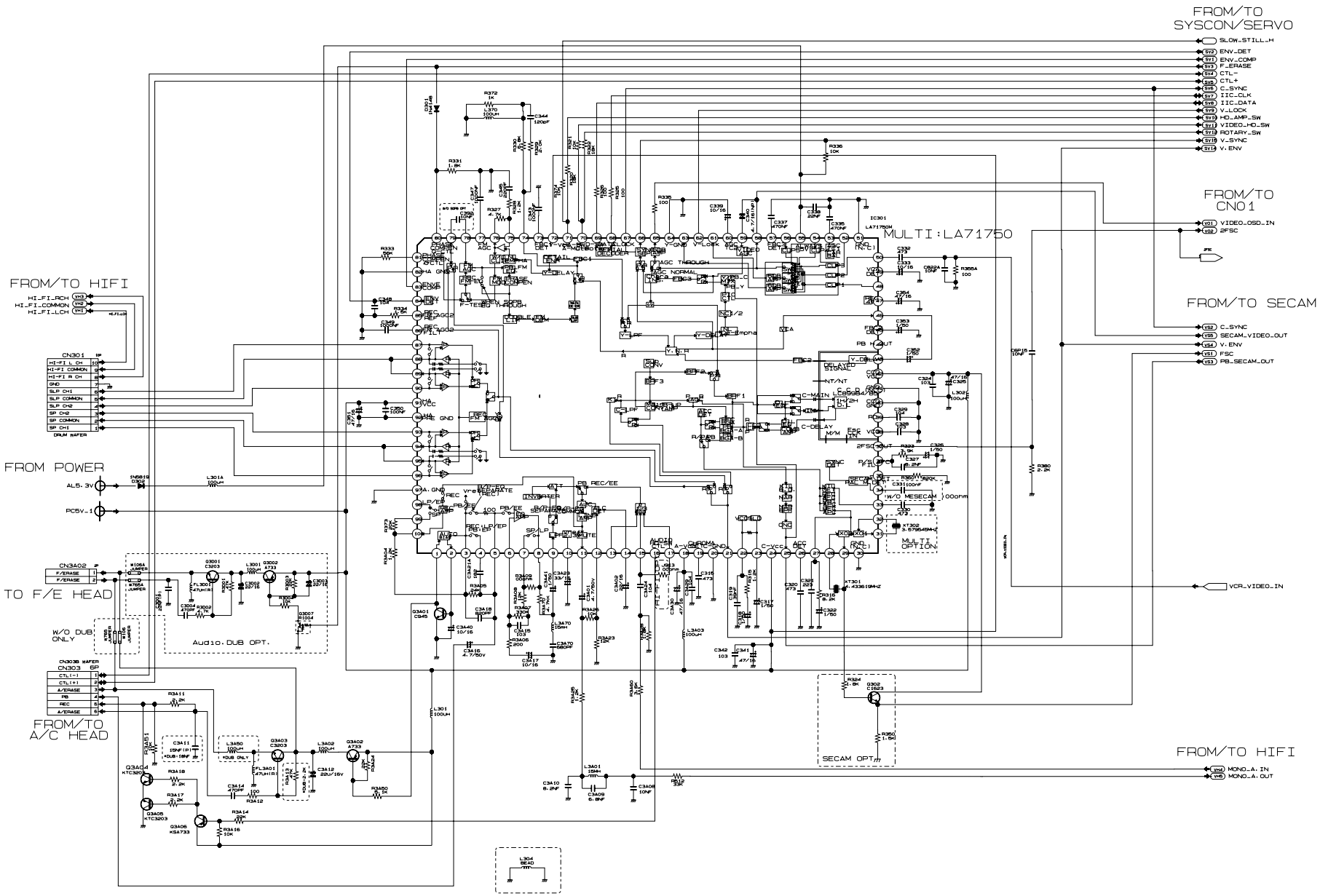
12-2 Power (VCR Main PCB)



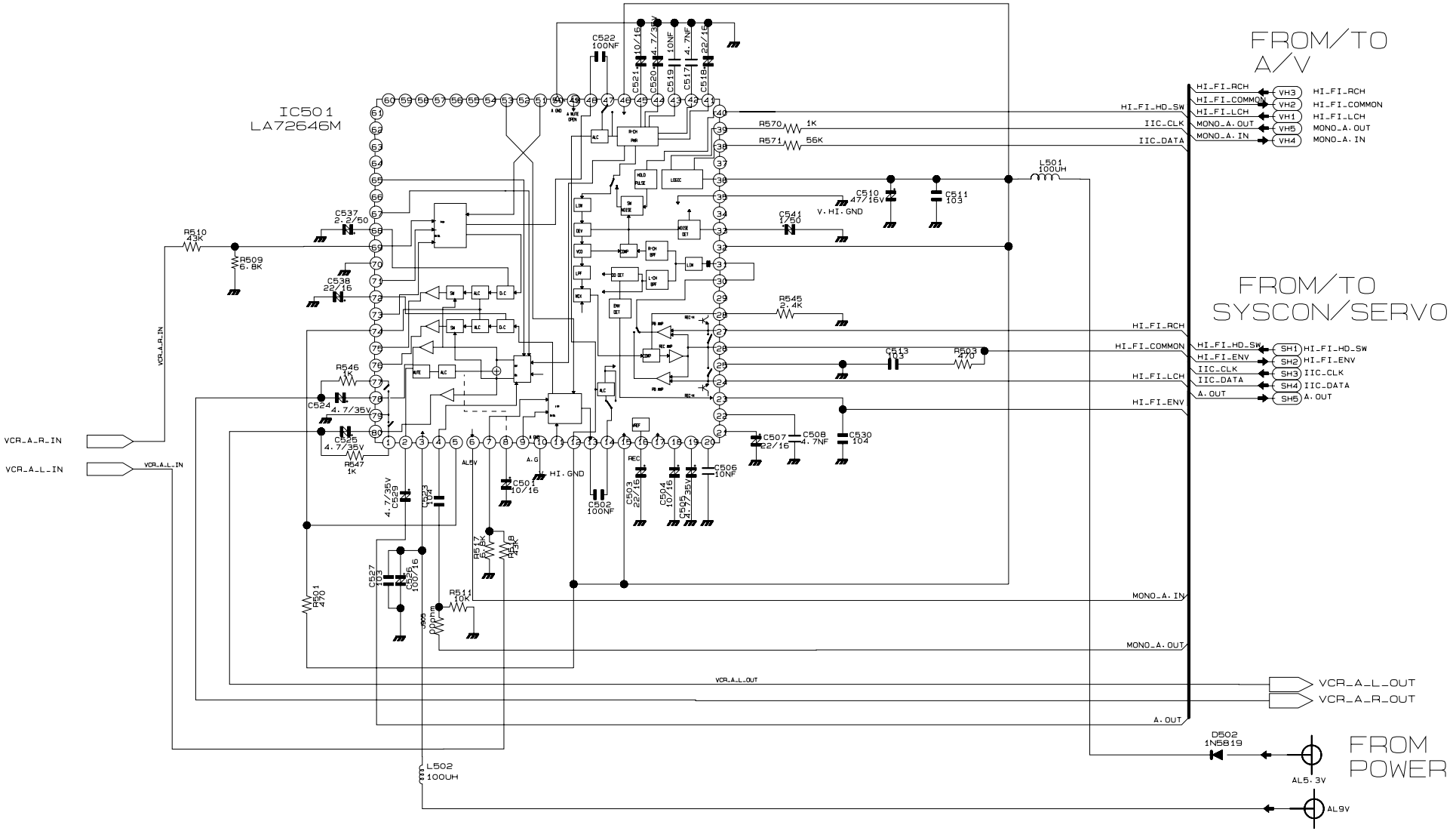
12-3 Secam (VCR Main PCB)



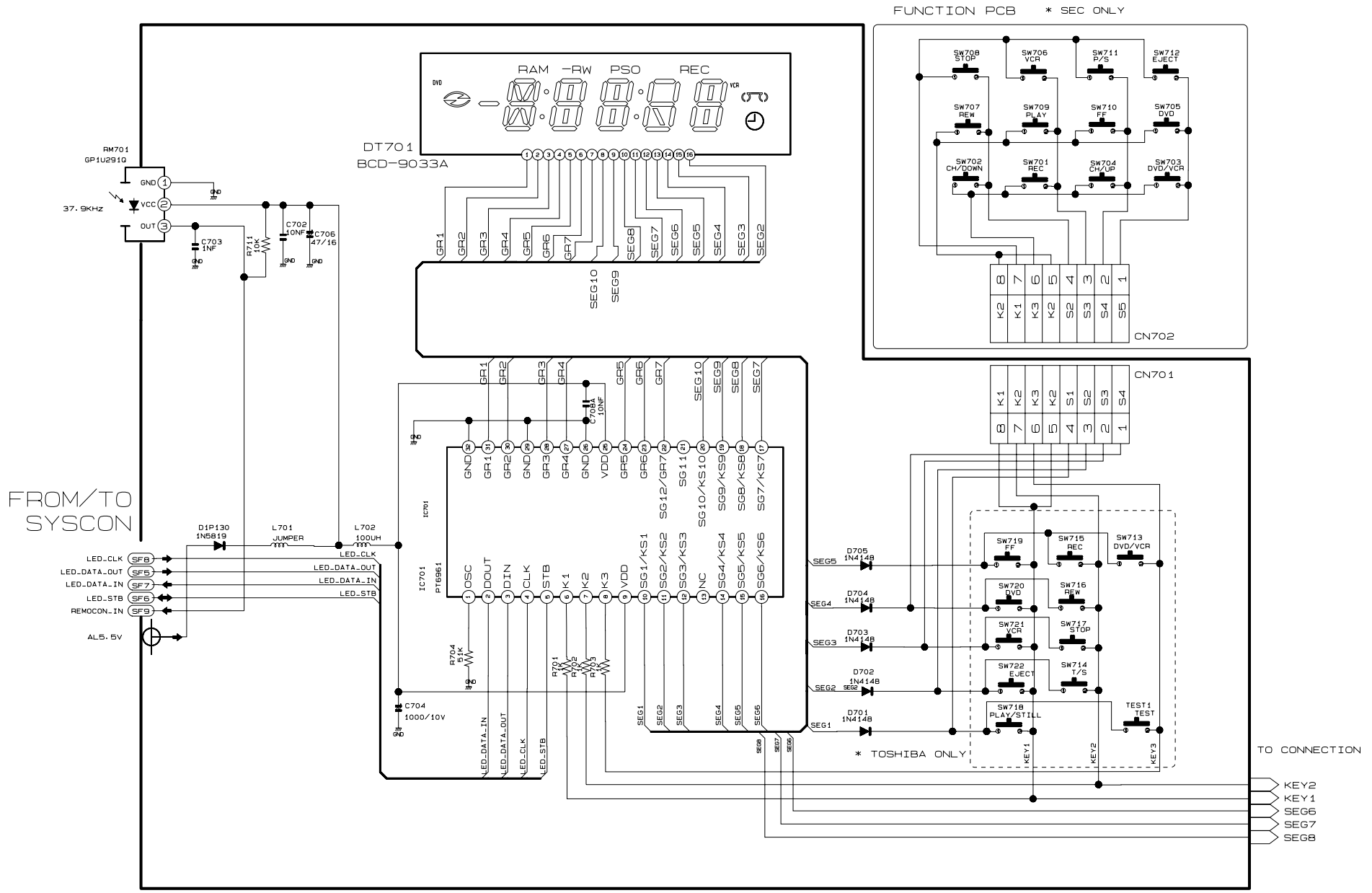
12-4 A/V (VCR Main PCB)



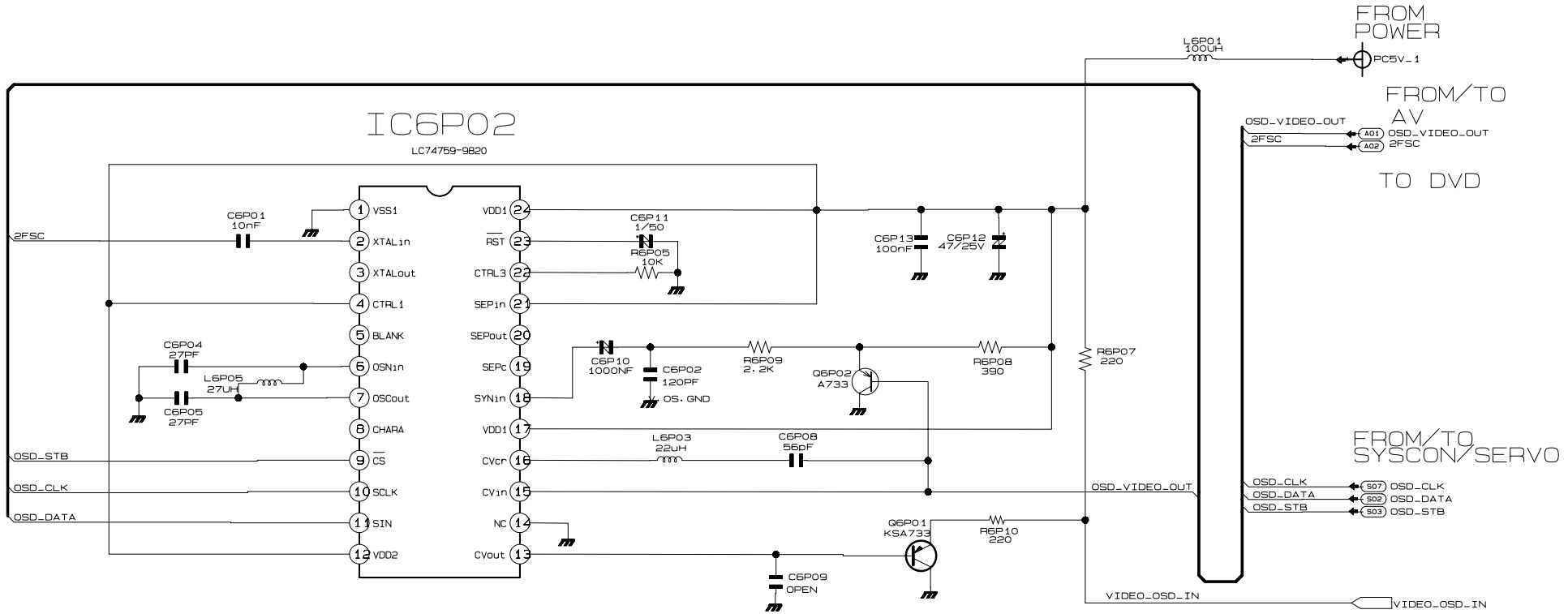
12-5 Hi-Fi (VCR Main PCB)



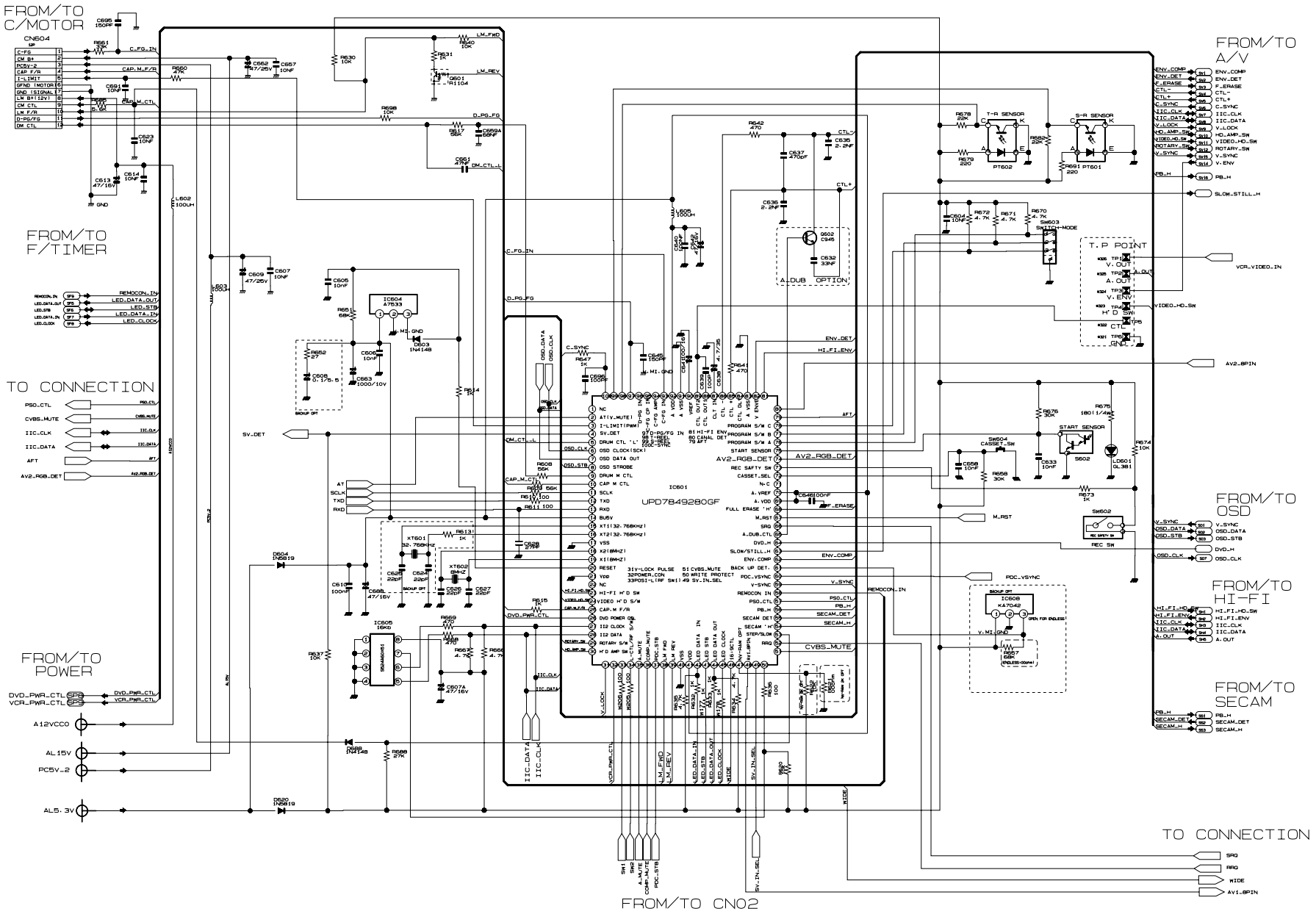
12-6 E-Timer (VCR Main PCB)



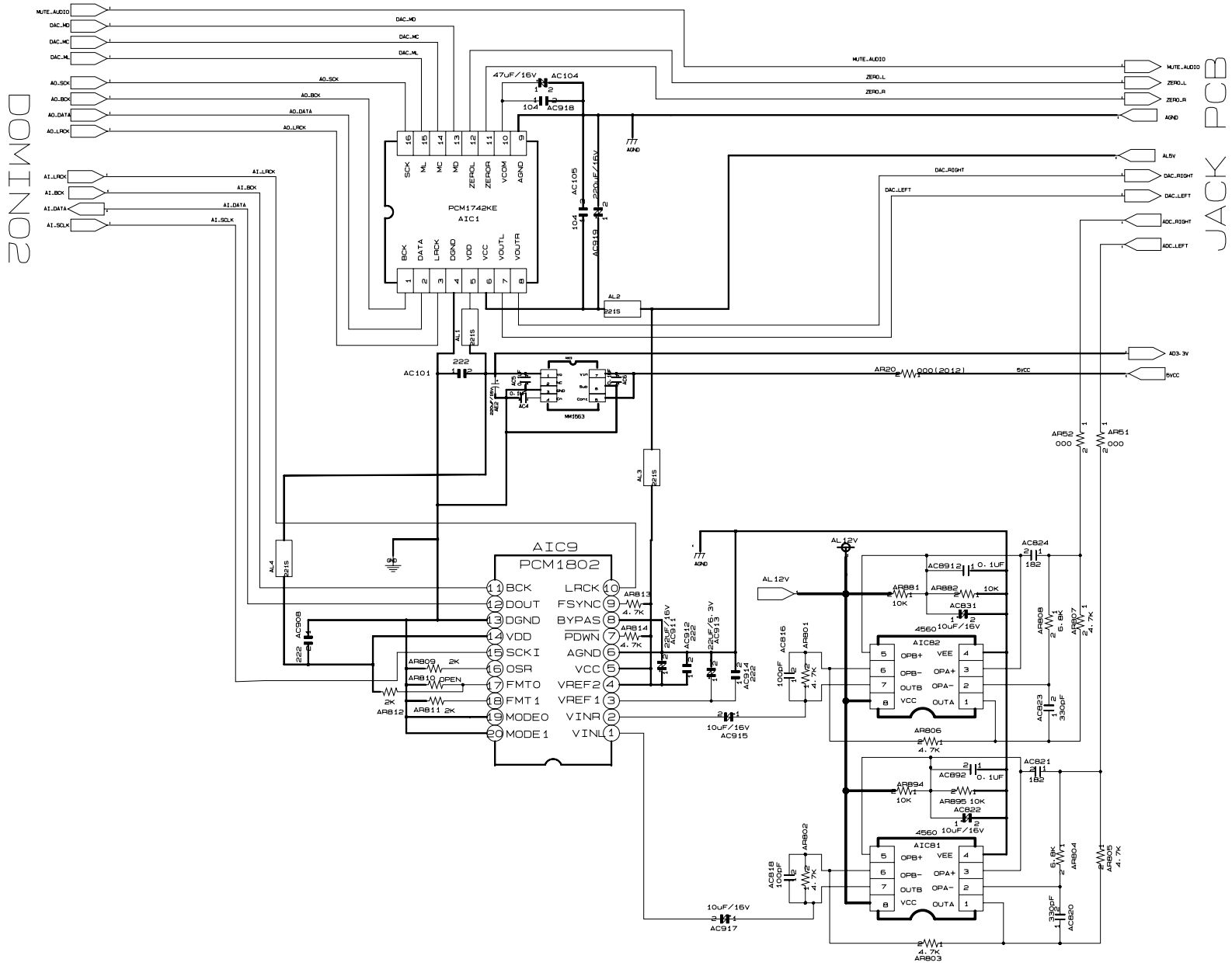
12-7 OSD (VCR Main PCB)



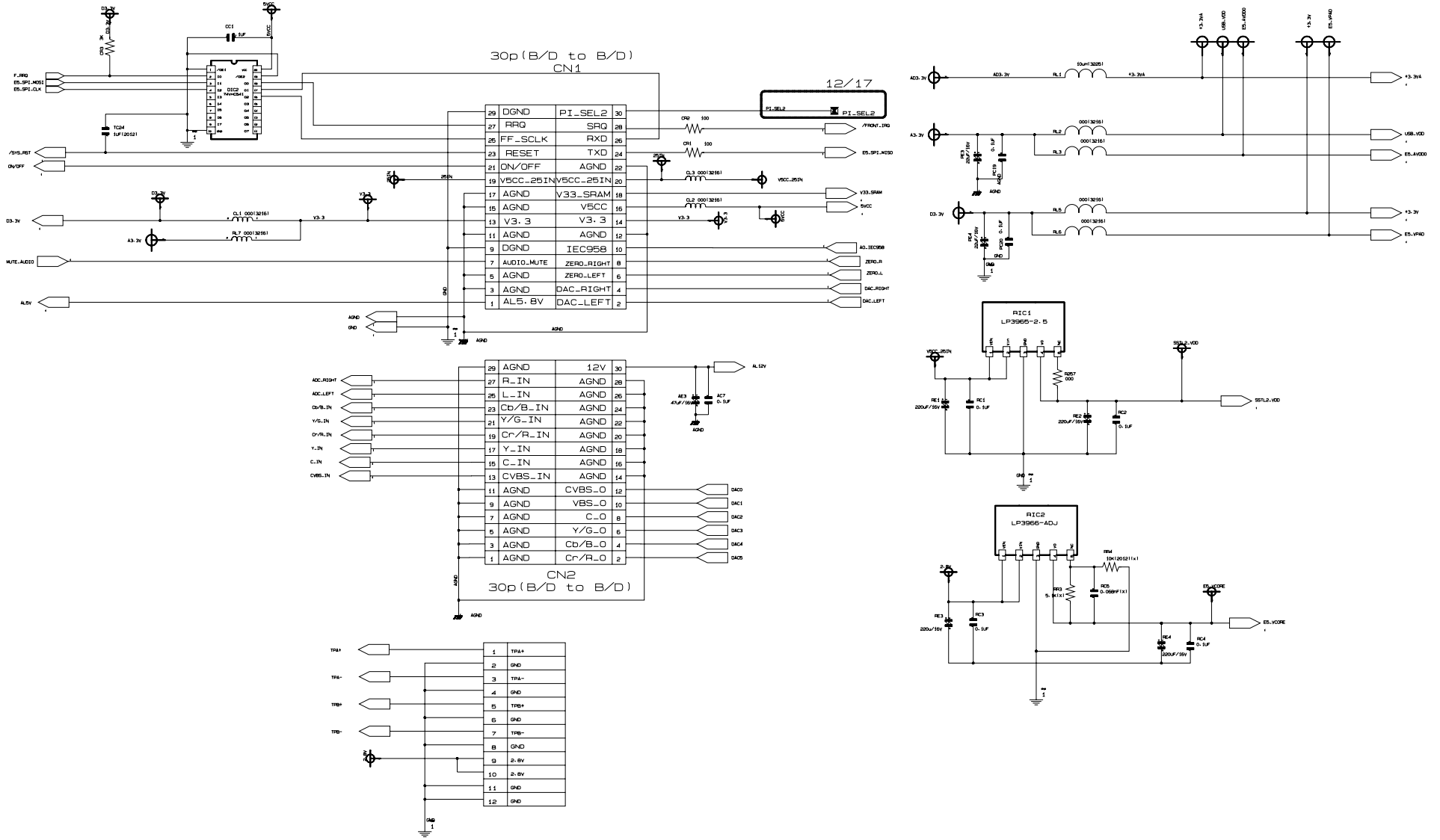
12-8 System Control / Servo (VCR Main PCB)



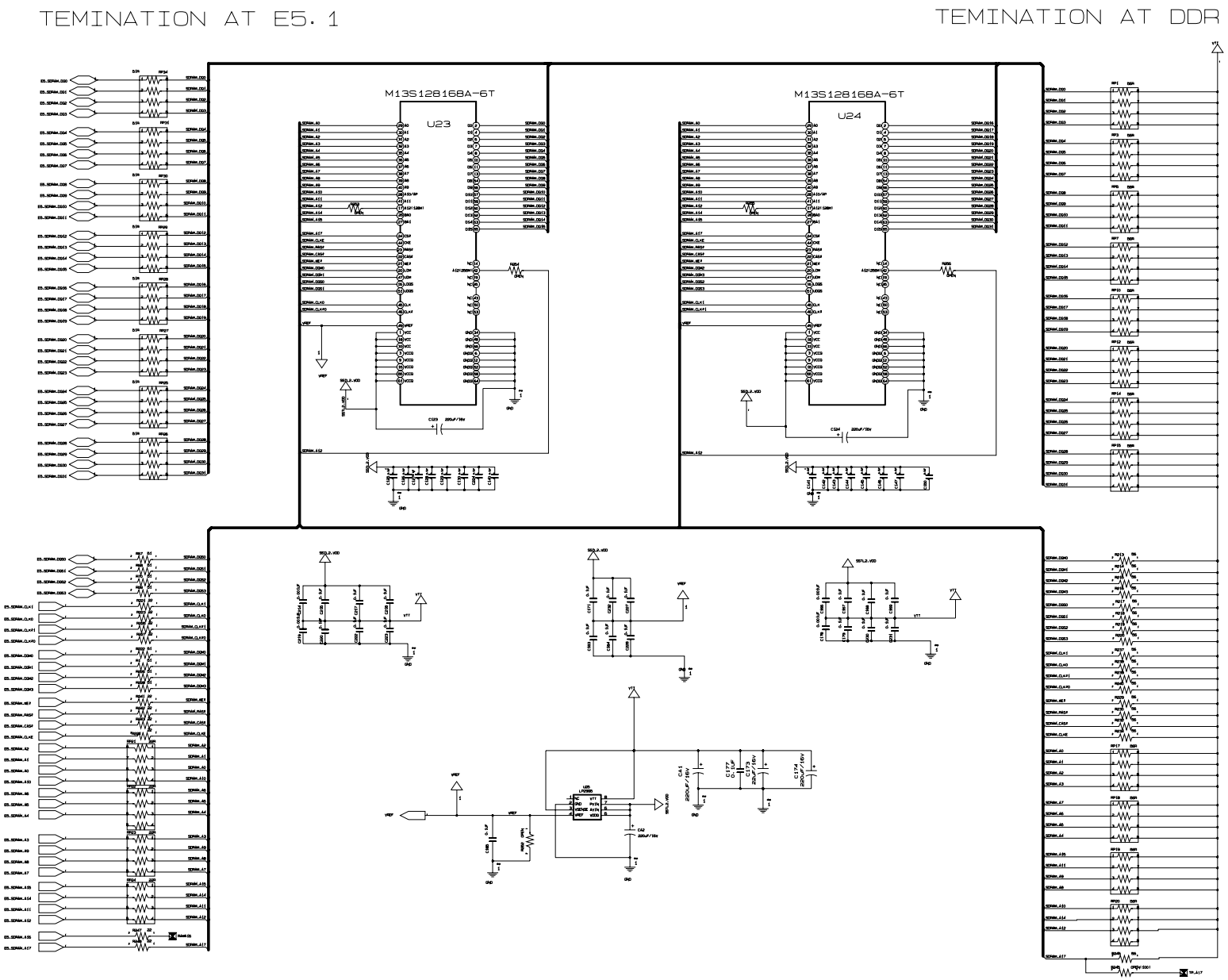
12-9 Audio In/Out (DVD Main PCB)



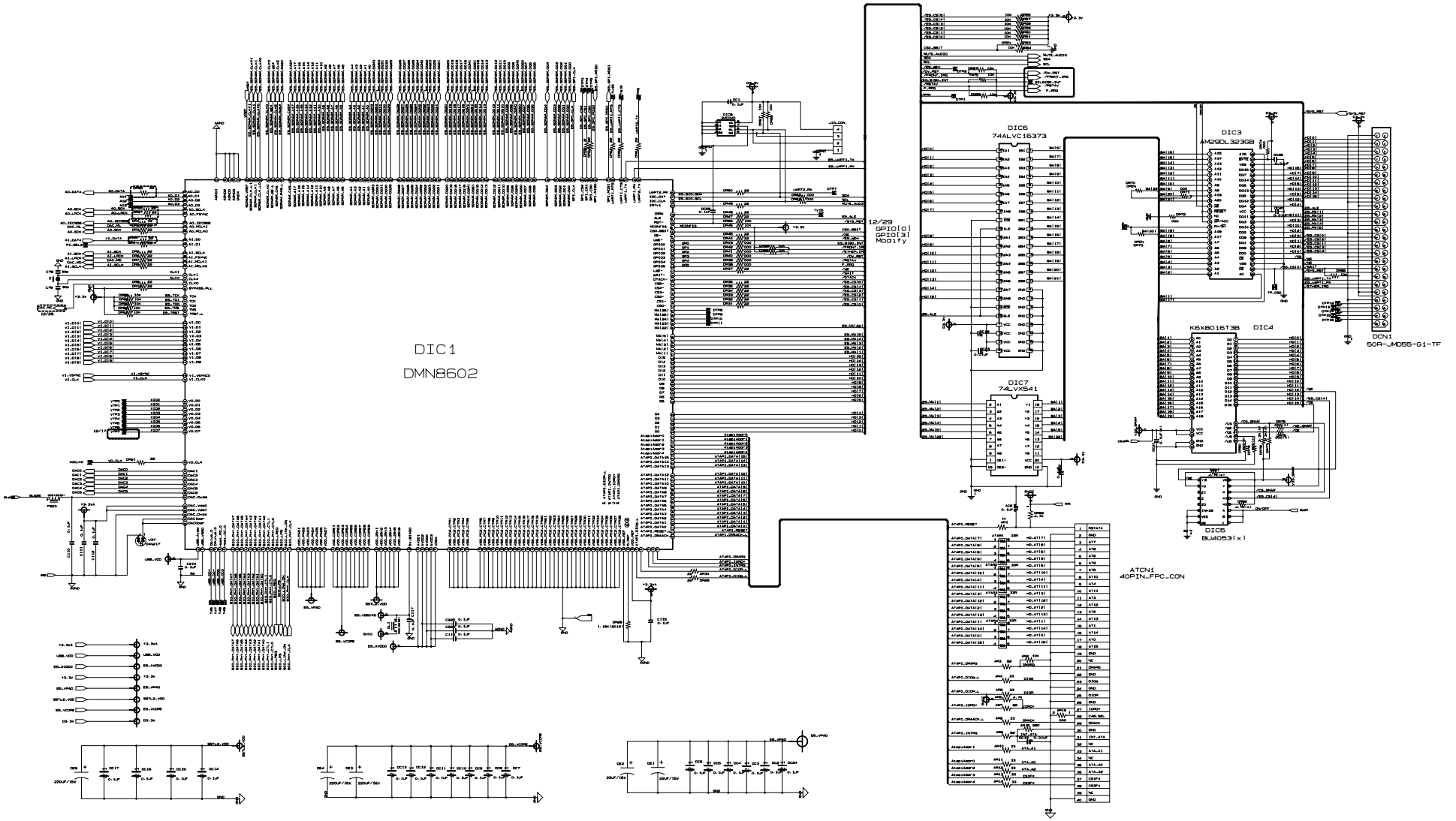
12-10 Connector (DVD Main PCB)



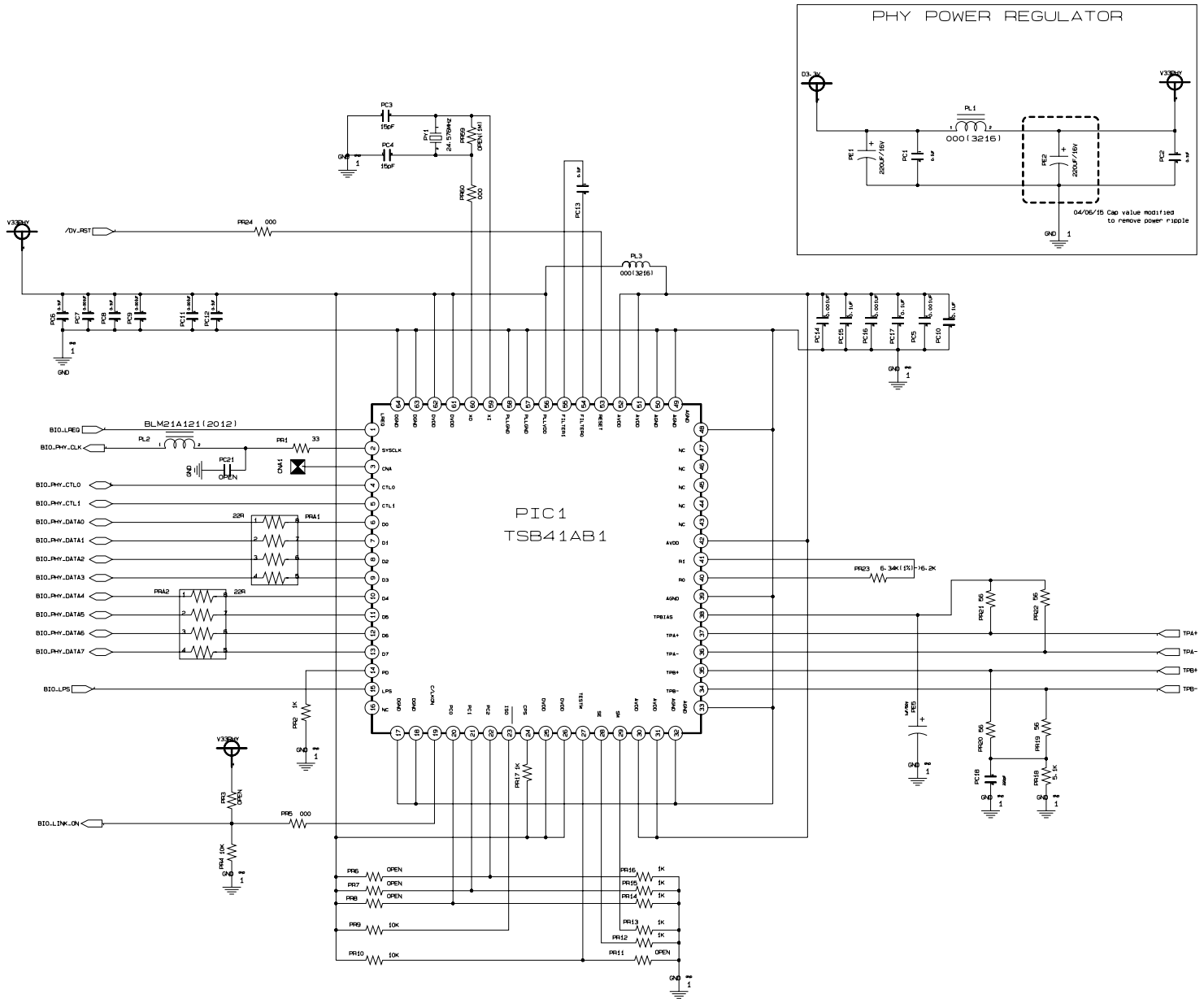
12-11 DDR (DVD Main PCB)



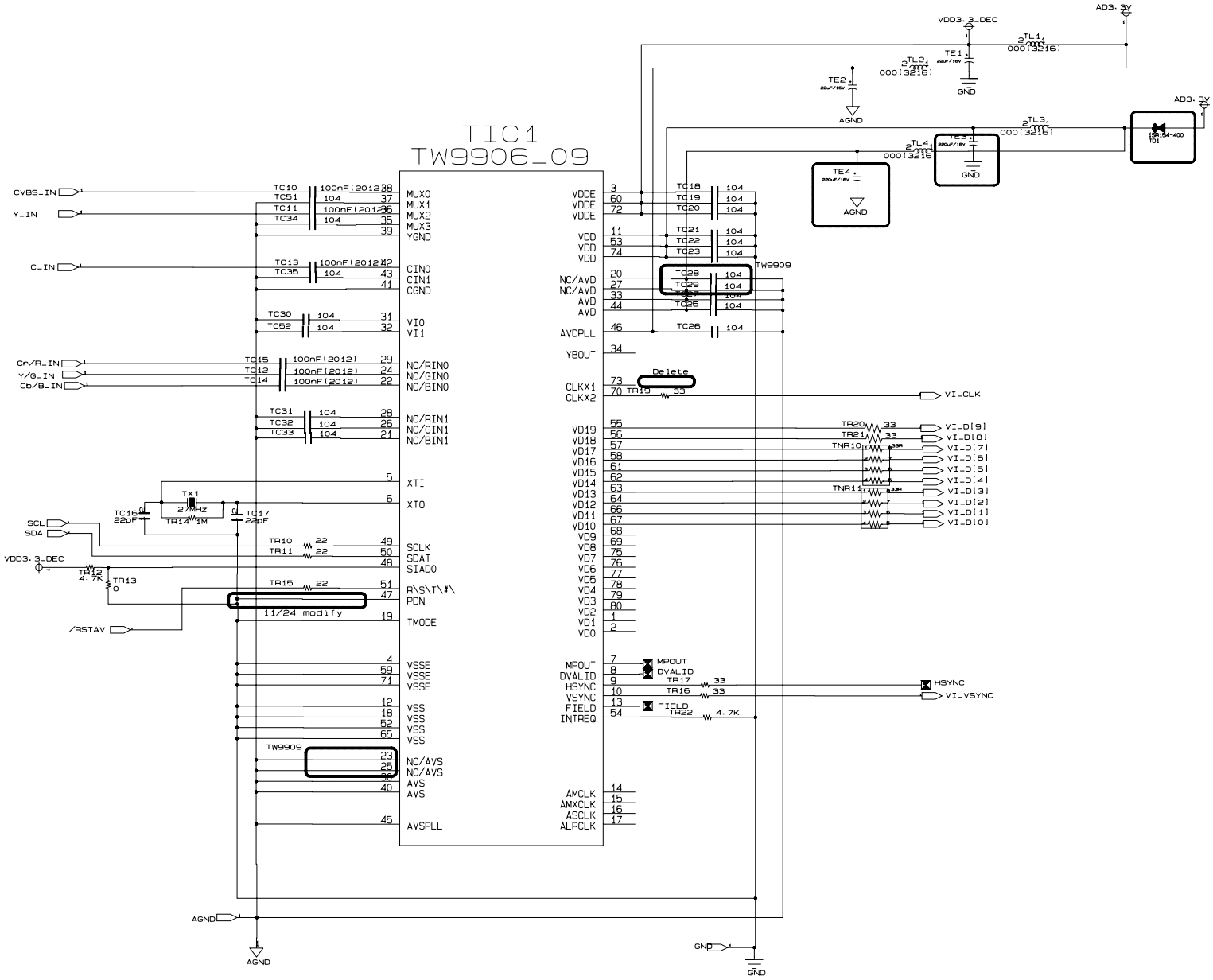
12-12 DMN9602 (DVD PCB)



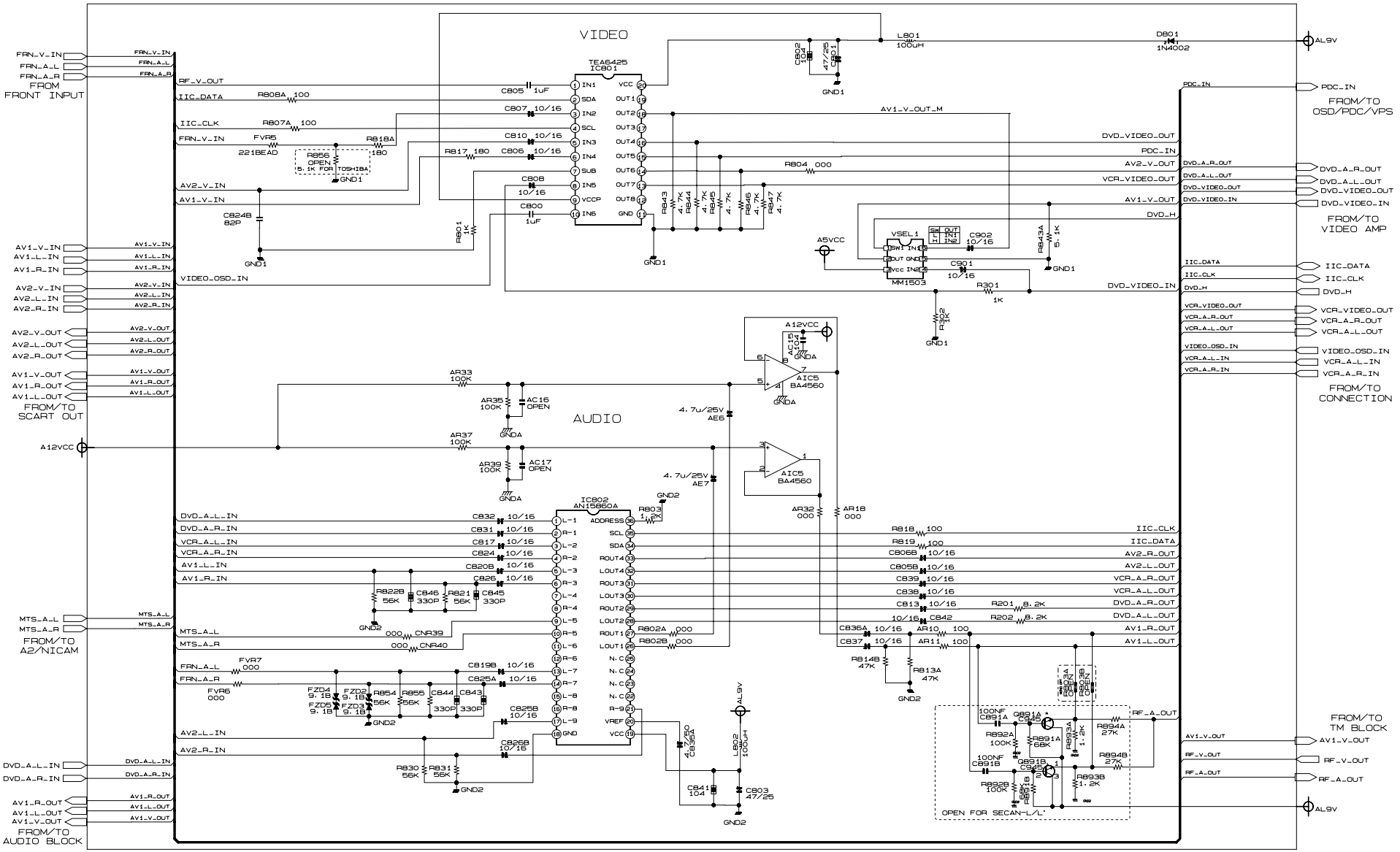
12-13 IEEE1394 (DVD PCB)



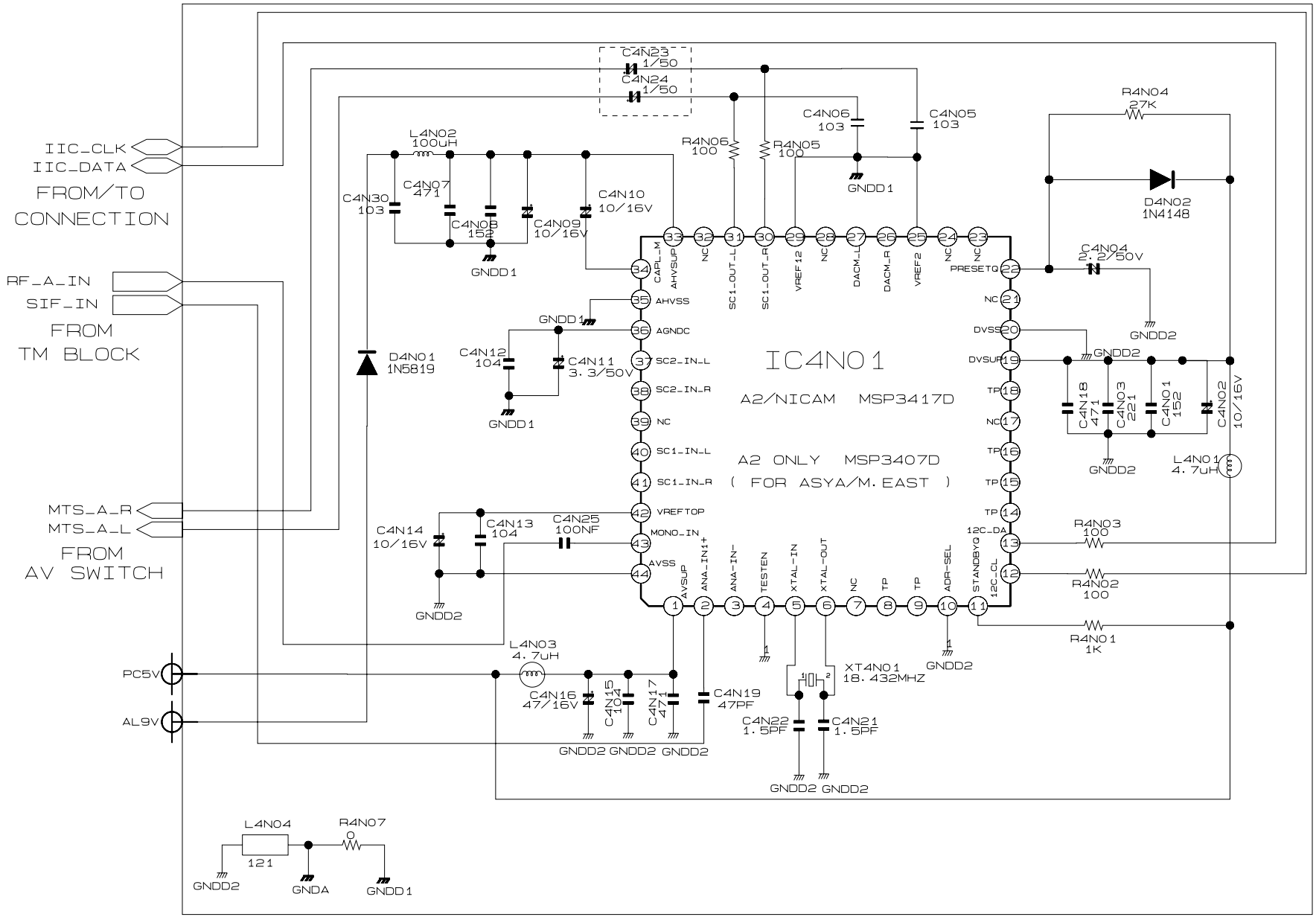
12-14 Video Decoder (DVD PCB)



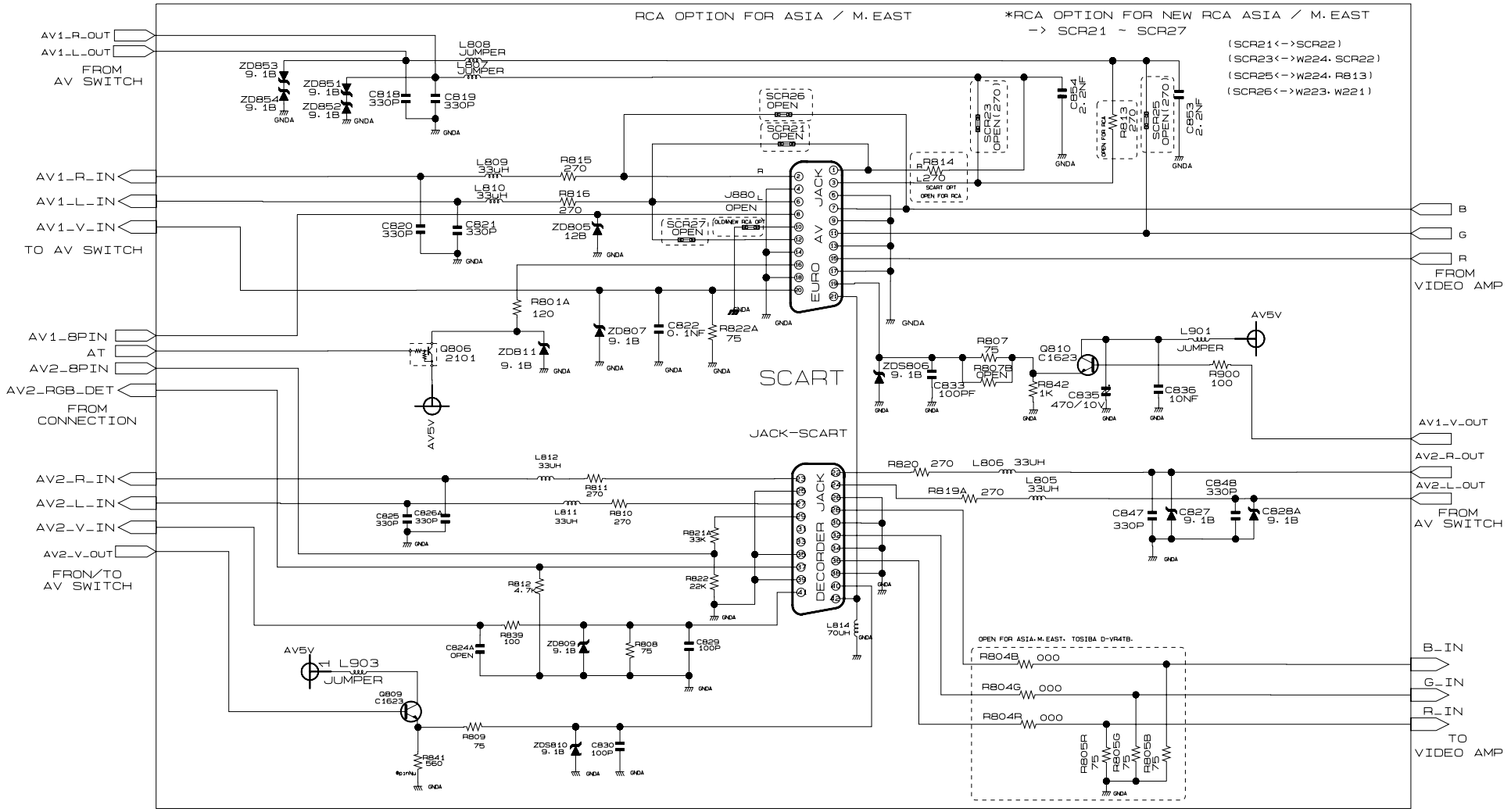
12-15 A/V MUX (Jack PCB)



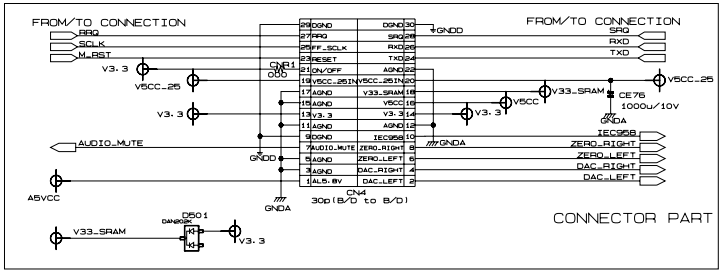
12-16 A2/NICAM (Jack PCB)

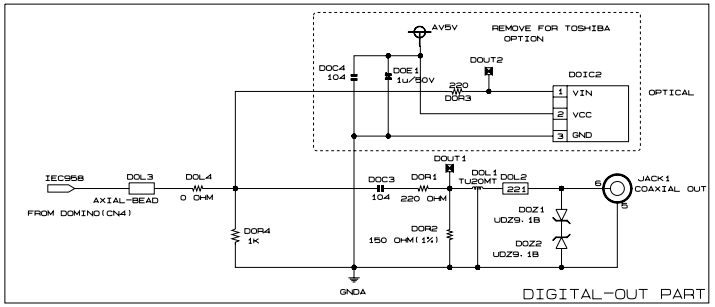


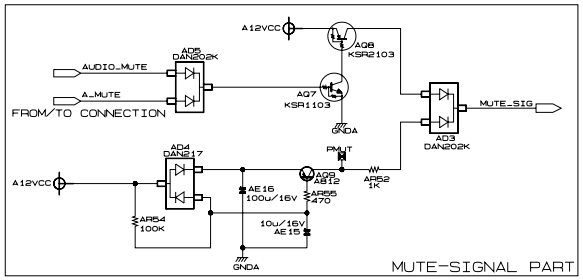
12-17 Scart (Jack PCB)

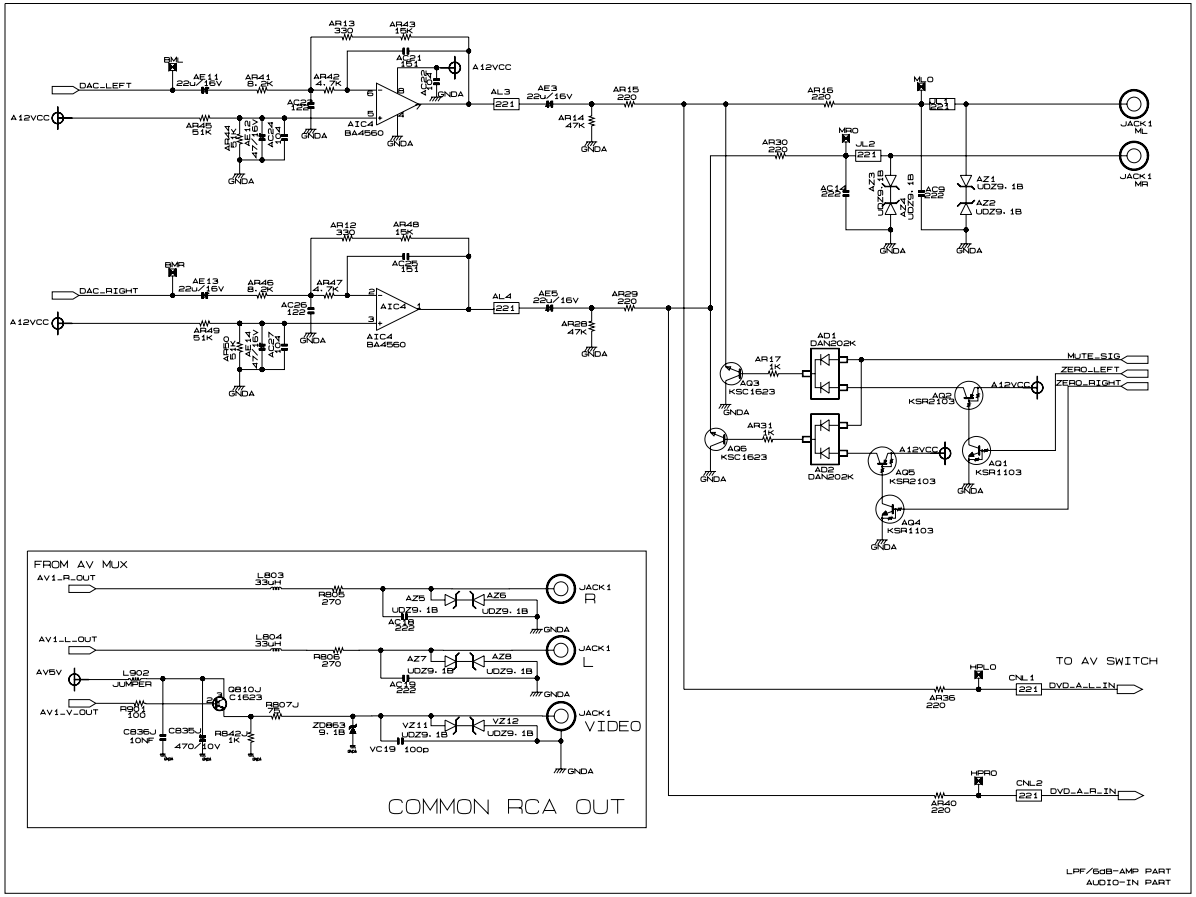


12-18 Audio Rca Output (Jack PCB)

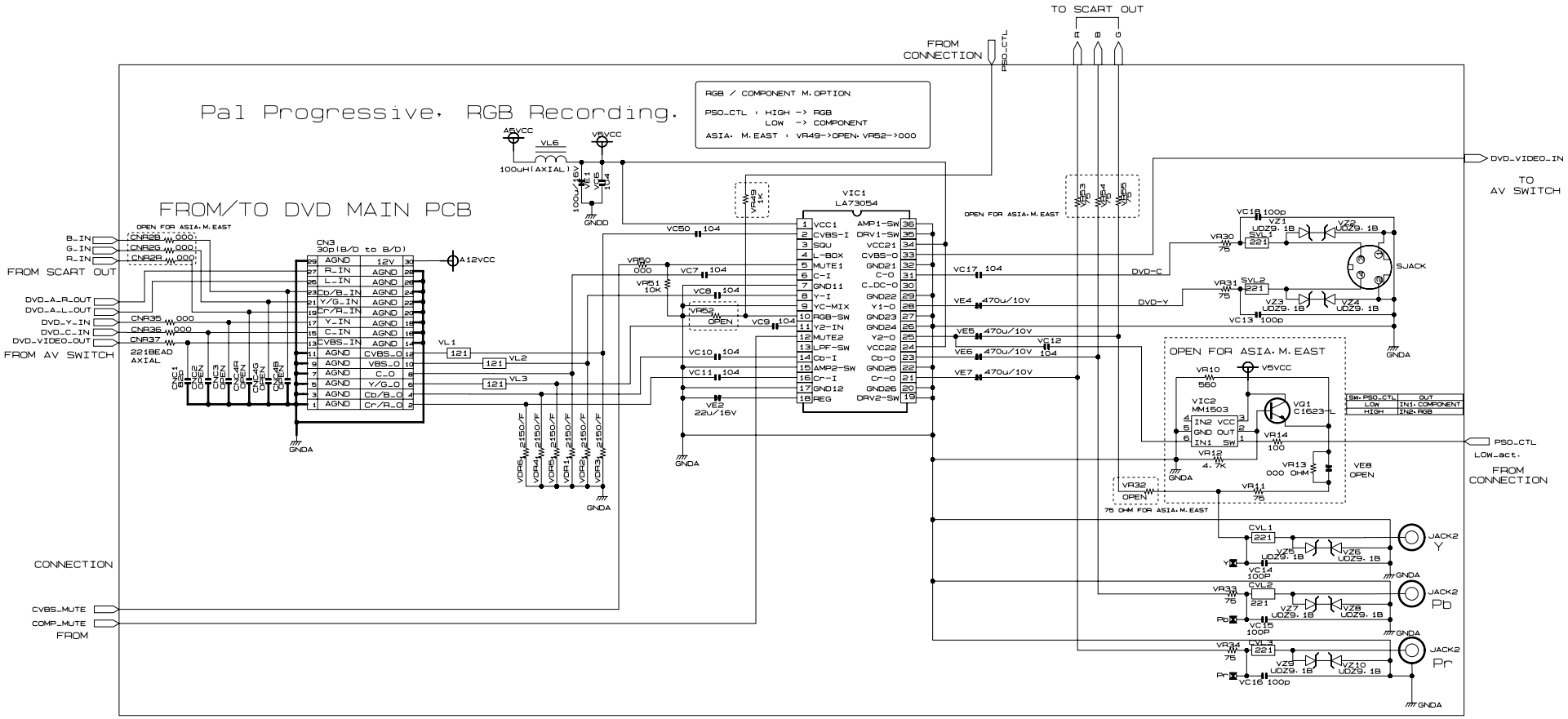




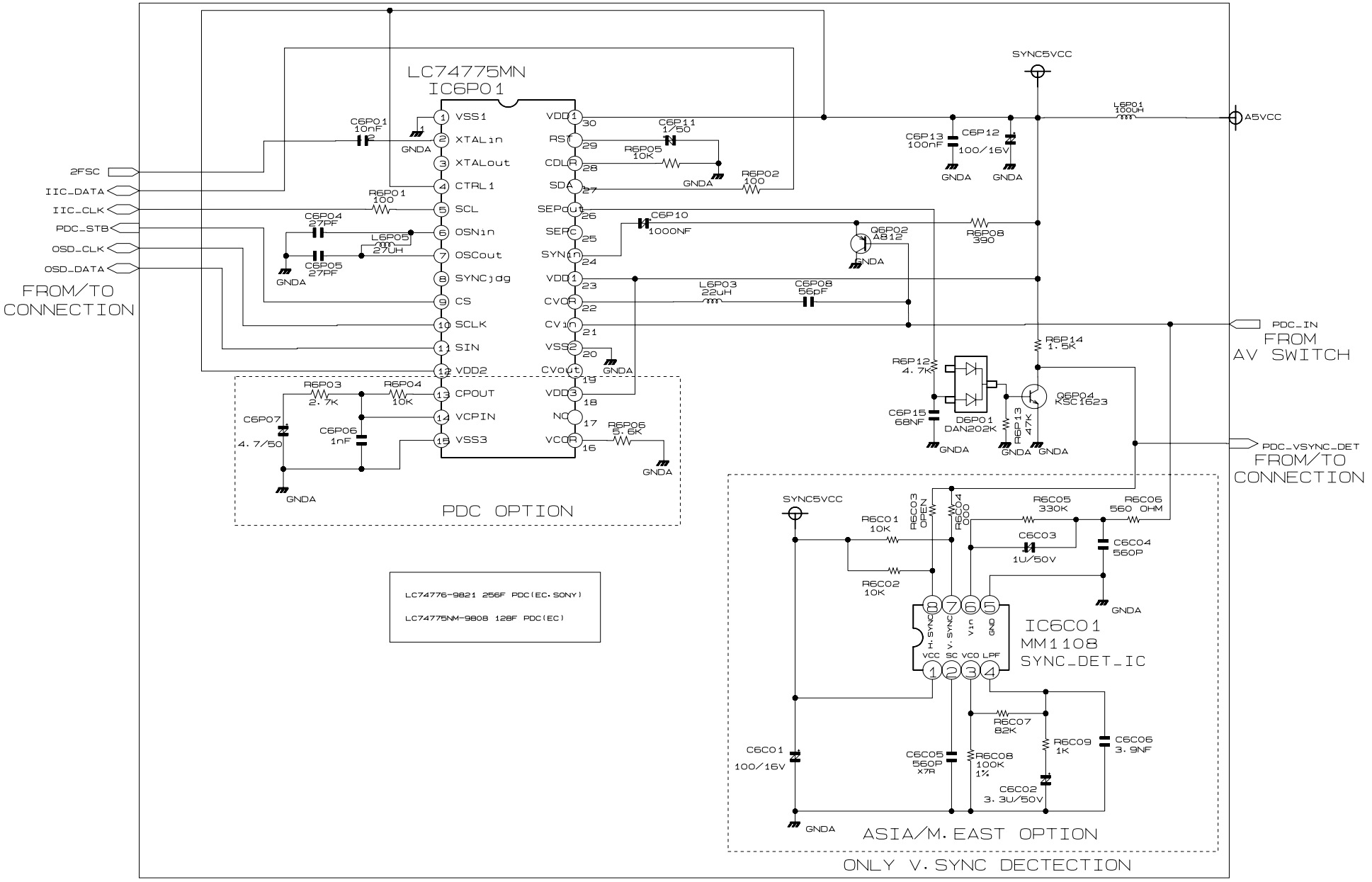




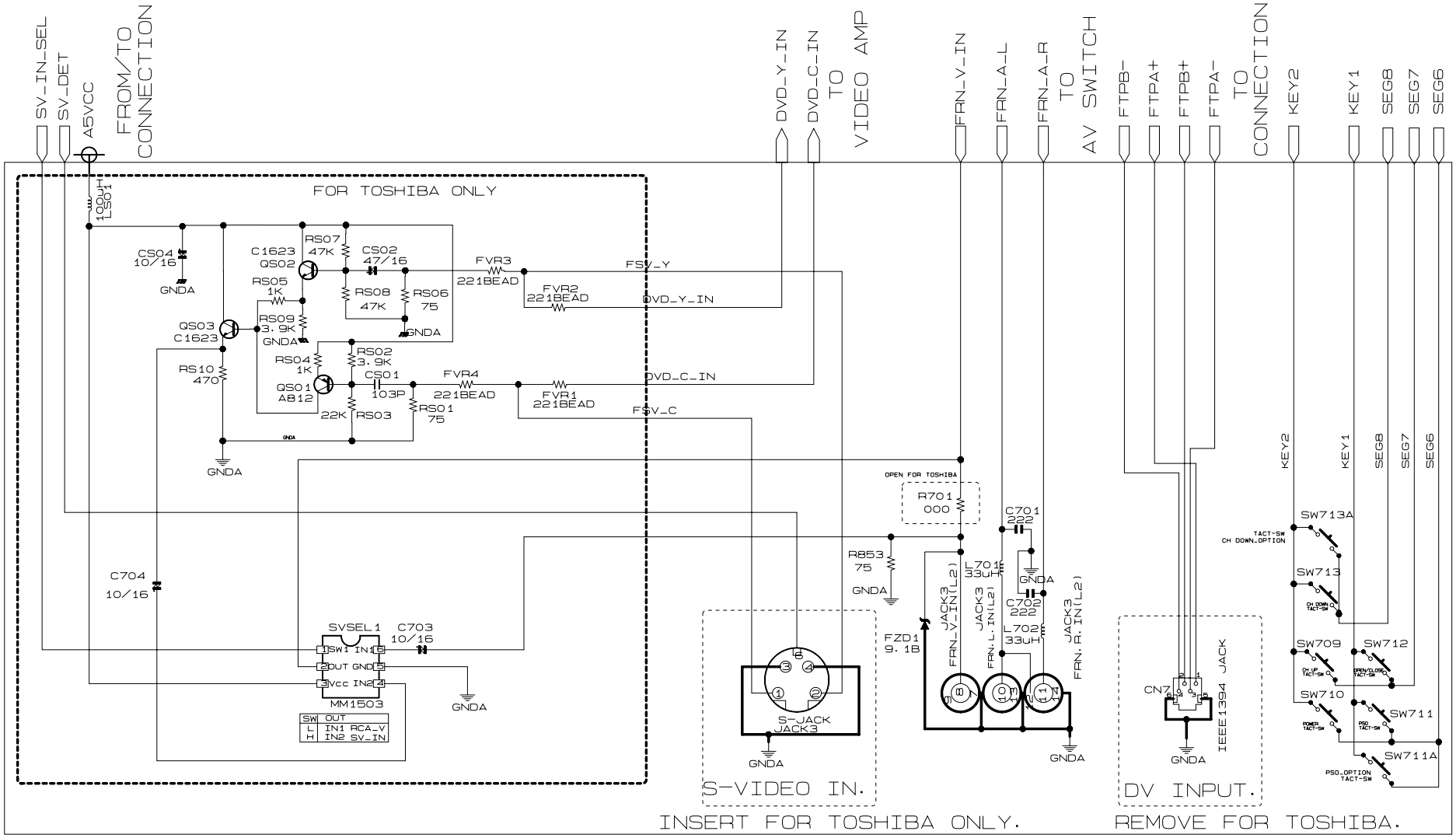
12-19 Video Amp (Jack PCB)



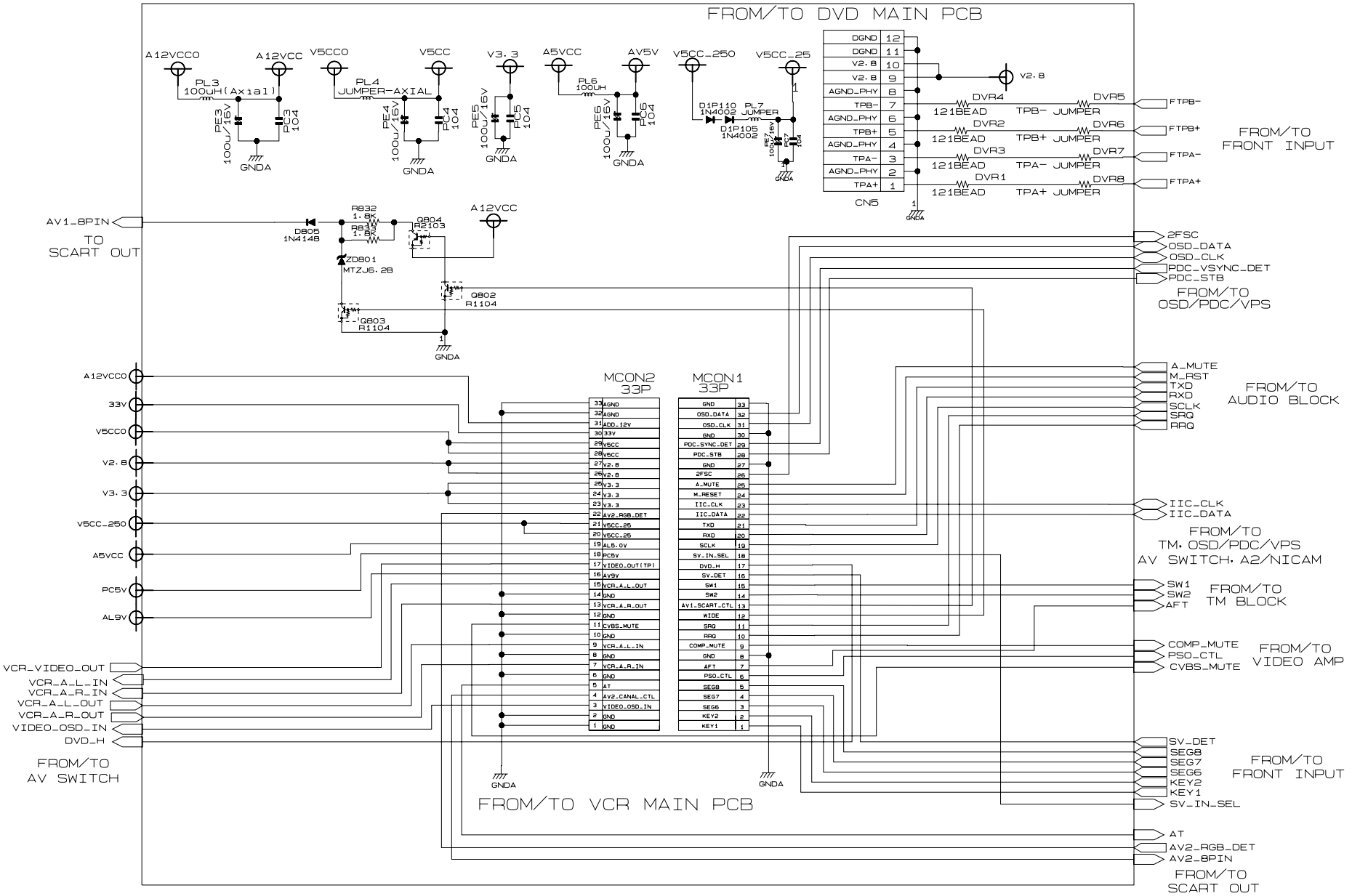
12-20 VPS/PDC (Jack PCB)



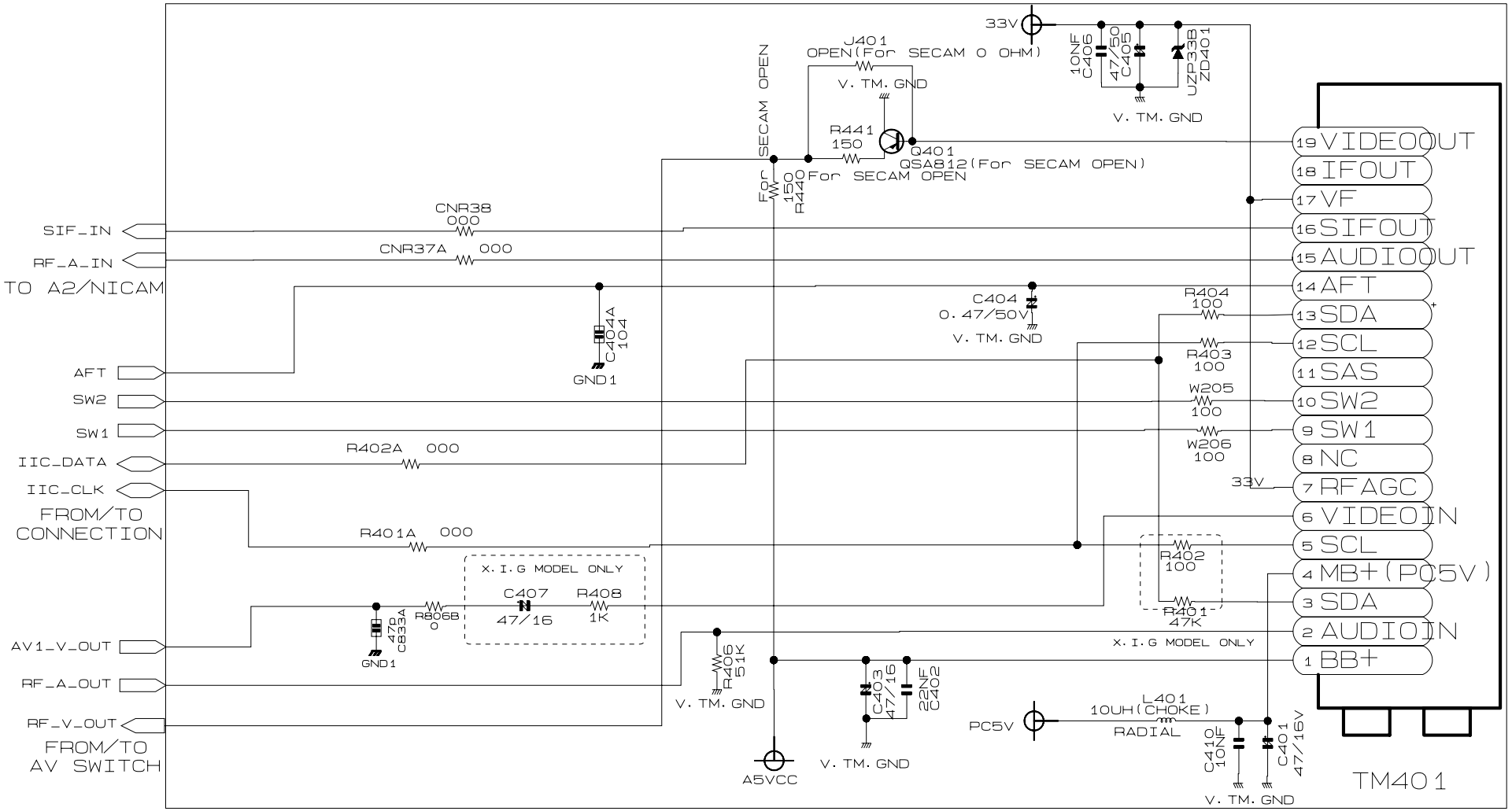
12-21 Front Input (Jack PCB)



12-22 Connection (Jack PCB)



12-23 TM (Jack PCB)



MEMO